



WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

LIND COULEE BRIDGE WEST ACCESS REDEVELOPMENT

GT:A195:2019-1

INDEX

SHEET NO.

1. COVER SHEET
2. EXISTING PLAN, VICINITY & STATE MAP
3. EROSION CONTROL AND DEMOLITION PLAN
4. SITE PLAN AND IMPERVIOUS AREA TABLE
5. ACCESSIBLE PARKING AND STRIPING PLAN
6. VAN ACCESSIBLE PARKING AND DETAILS
7. PARKING AND DETAILS
8. RAMP PLAN AND PROFILE
9. RAMP SECTION AND DETAILS
10. PAVING PLAN AND ACCESSIBLE LOADING PLATFORM, POINT TABLE
11. RAMP AND ACCESSIBLE RESTROOM AREA, POINT TABLE
12. ACCESSIBLE LOADING PLATFORM PLAN, ELEVATIONS, HANDRAIL FOOTING, AND WALL SECTION
13. GUNNISON CXT VAULT TOILET PLAN AND ELEVATIONS

TASK SCHEDULE

RAMP CONTRACTOR:

1. INSTALL BOAT RAMP, AND SHOULDER ROCK
2. INSTALL ACCESSIBLE LOADING PLATFORM
3. GRADE SUB-GRADE AND CSTC PARKING SURFACE
4. DEMO TOILET AND PREPARE HOLES FOR NEW TOILETS

CXT:

1. INSTALL TWO GUNISON TOILETS

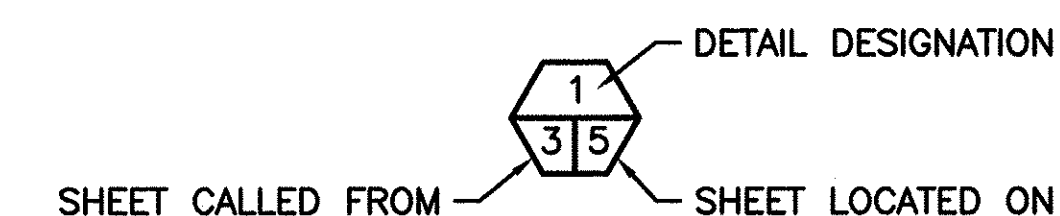
PAVING CONTRACTOR

1. PREPARE FINAL SUBGRADE, GRADE AND COMPACTION
2. INSTALL SHOULDERS AND TRAFFIC TRANSITION
3. INSTALL WHEELSTOPS AND TRAFFIC SIGNS
4. INSTALL STRIPING

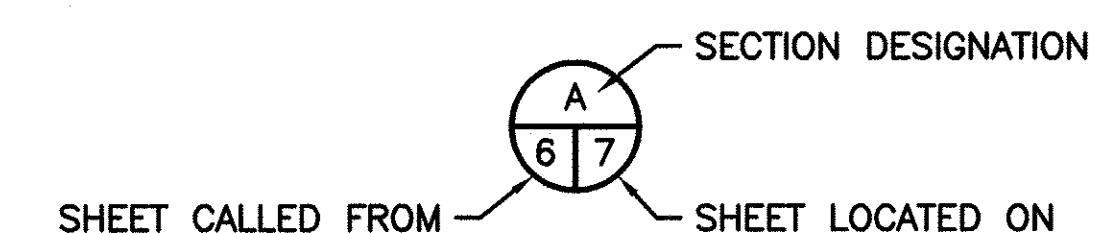
ABBREVIATIONS

ALUM	-	ALUMINUM
L	-	ANGLE
APPROX	-	APPROXIMATELY
BM	-	BENCH MARK
CIP	-	CAST IN PLACE
CL	-	CENTERLINE
CMP	-	CORRUGATED METAL PIPE
CLR	-	CLEARANCE
CONC	-	CONCRETE
CSBC	-	CRUSHED SURFACE BASE COURSE
CSTC	-	CRUSHED SURFACE TOP COURSE
DIA	-	DIAMETER
E	-	EAST
ELEV	-	ELEVATION
EP	-	EDGE OF PAVEMENT
EX	-	EXISTING
FB	-	FLAT BAR
FTG	-	FOOTING
GALV	-	GALVANIZED
HMA	-	HOT MIX ASPHALT
ID	-	INSIDE DIAMETER
IE	-	INVERT ELEVATION
MAX	-	MAXIMUM
MFG	-	MANUFACTURER'S
MISC	-	MISCELLANEOUS
N	-	NORTH
OC	-	ON CENTER
OD	-	OUTSIDE DIAMETER
PL	-	PLATE
REQ'D	-	REQUIRED
SEC	-	SECTION
SPEC'S	-	PROJECT SPECIFICATIONS
SS	-	STAINLESS STEEL
TYP	-	TYPICAL
WS	-	WATER SURFACE

SHEET SYMBOLS



DETAIL



SECTION



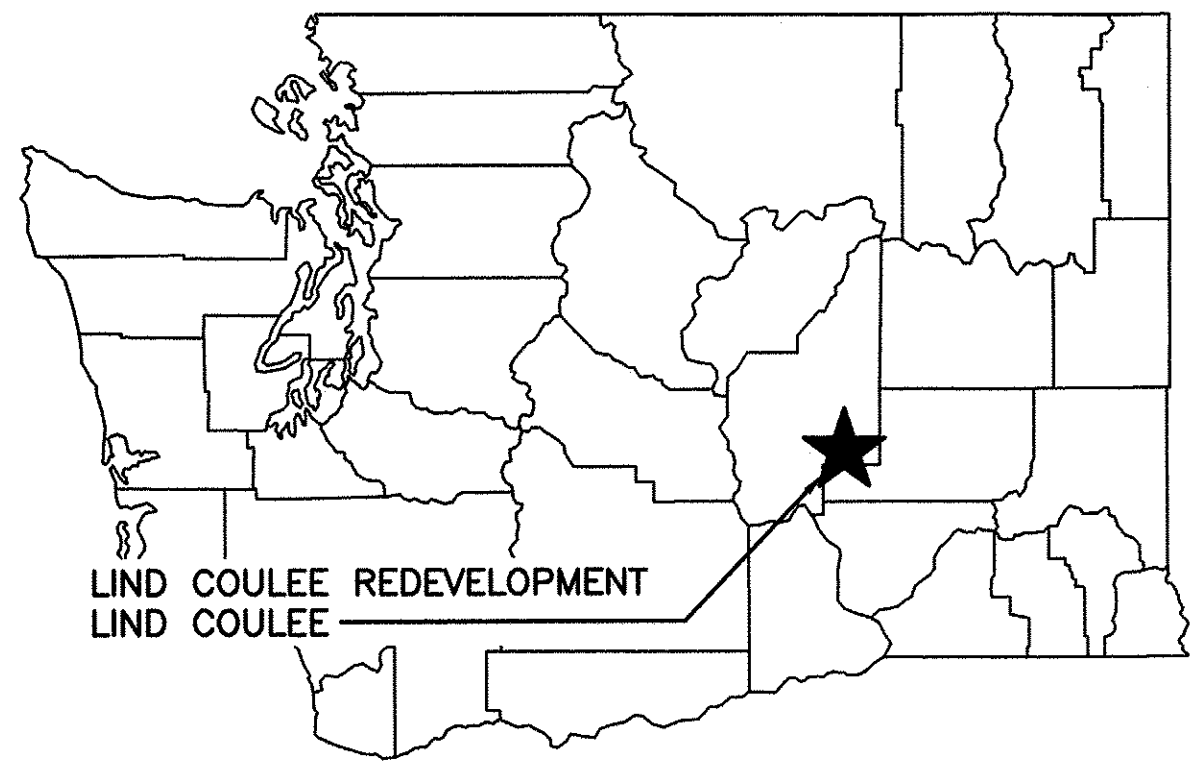
NOTE REFERENCE

REFERENCE DESIGNATION TO A
NOTE, A PART, OR MATERIAL IN A
SCHEDULE/TABLE

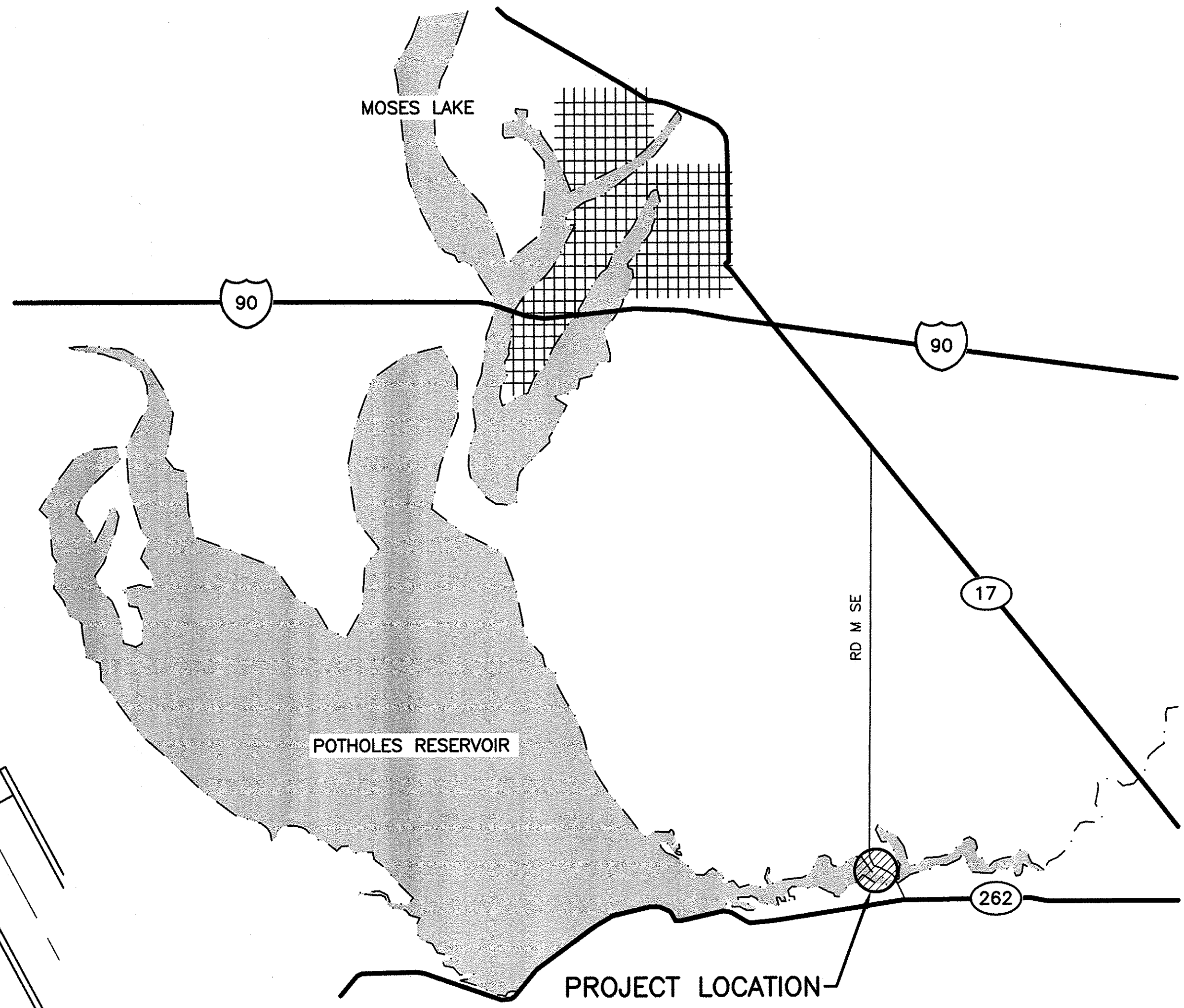
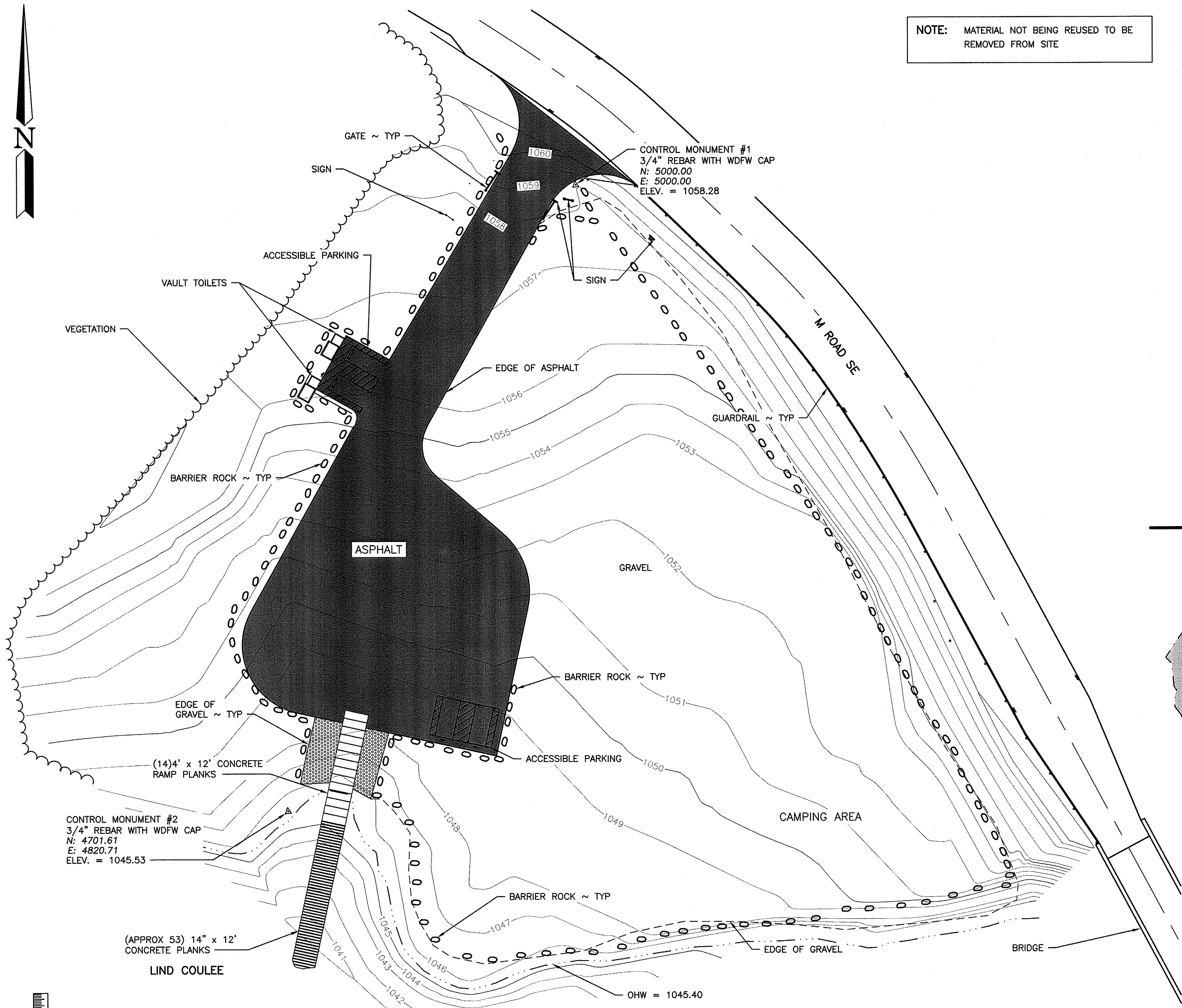
PROJECT NO.
GT:A195:2019-1

SHEET	OF
1	13

NOTE: MATERIAL NOT BEING REUSED TO BE REMOVED FROM SITE



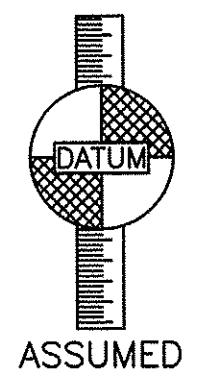
STATE MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

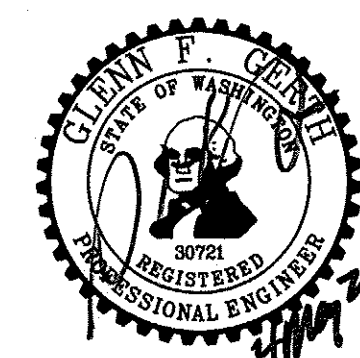
ADDRESS:
ROAD M SE
MOSES LAKE, WA 98837

DIRECTIONS
FROM MOSES LAKE, WA 17 SOUTH,
CROSS I-90 AND GO 2.2 MI, RIGHT
ON ROAD M SE 6.1 MI, RIGHT AT
PUBLIC FISHING SIGN JUST BEFORE
BRIDGE.



EXISTING PLAN
SCALE: 1" = 30'
0 10 20 30 40 50 60 70 80 90
SCALE: 1" = 30'

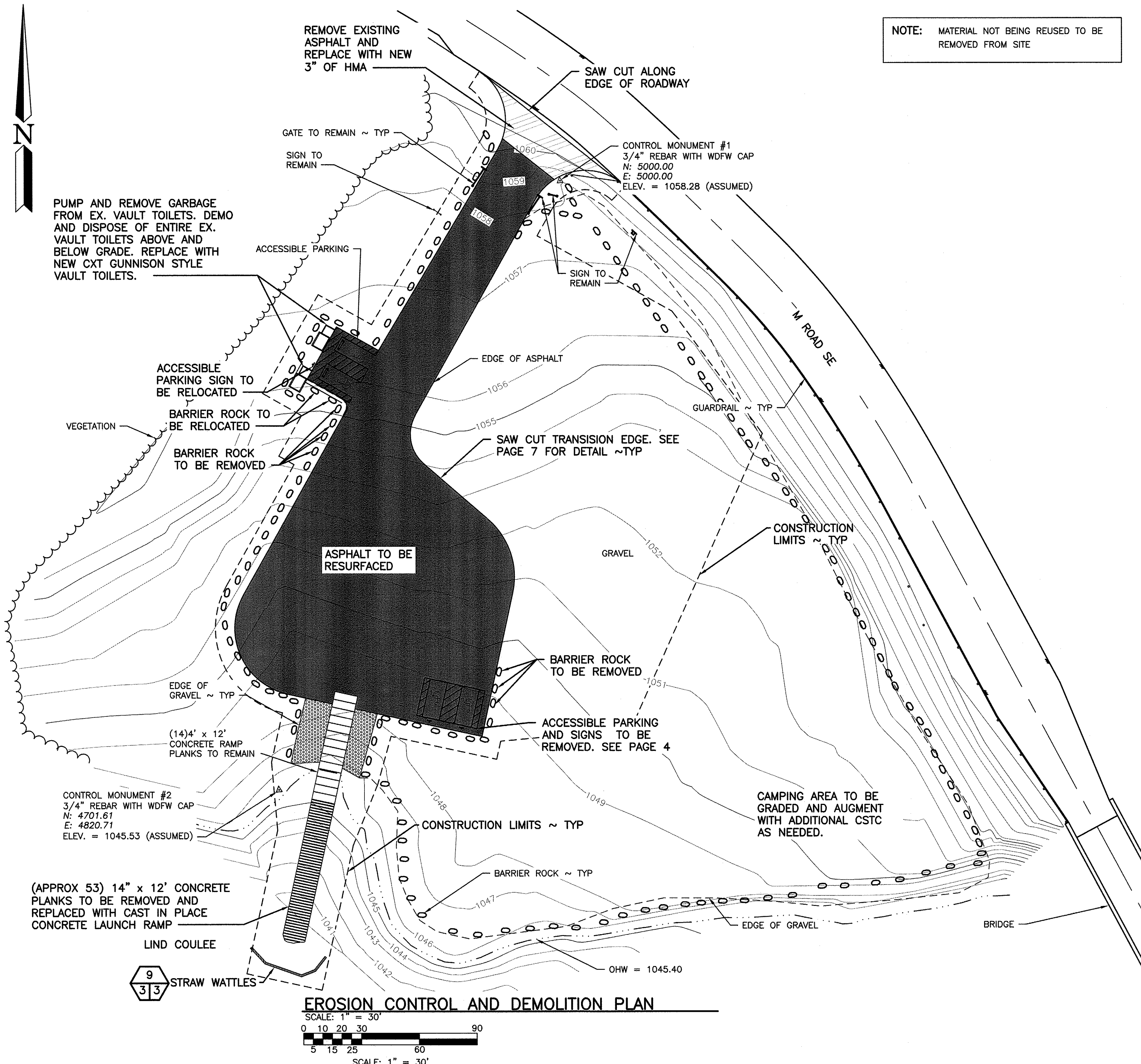
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FISH & WILDLIFE



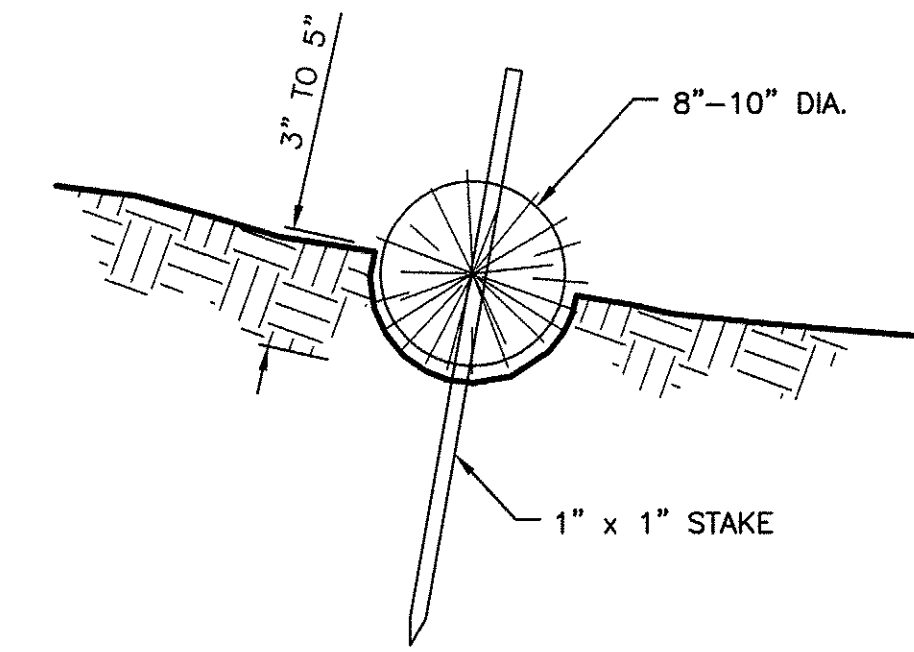
SYM	DATE	REVISION DESCRIPTION	BY
		APPROVED AND RELEASED FOR CONSTRUCTION	
CHIEF ENGINEER			DATE: 4/10/21
PROGRAM			DATE: 05-03-2021

LIND COULEE BRIDGE WEST ACCESS
REDEVELOPMENT
EXISTING PLAN,
VICINITY AND STATE MAP

PROJECT NO. GT:A195:2019-1	
SHEET 2	OF 13



NOTE: MATERIAL NOT BEING REUSED TO BE REMOVED FROM SITE



STRAW WATTLE DETAIL
NOT TO SCALE

CONSTRUCTION SPECIFICATIONS:

1. PREPARE THE SLOPE BEFORE THE WATTLING PROCEDURE IS STARTED.
2. SMOOTH SHALLOW GULLIES AS WORK PROGRESSES.
3. DIG SMALL TRENCHES ACROSS THE SLOPE ON CONTOUR, TO PLACE ROLLS IN. THE TRENCH SHOULD BE DEEP ENOUGH TO ACCOMMODATE HALF THE THICKNESS OF THE ROLL. WHEN THE SOIL IS LOOSE AND UNCOMPACTED, THE TRENCH SHOULD BE DEEP ENOUGH TO BURY THE ROLL 2/3 OF ITS THICKNESS BECAUSE THE GROUND WILL SETTLE.
4. ROLLS SHALL BE INSTALLED PERPENDICULAR TO WATER MOVEMENT, PARALLEL TO THE SLOPE CONTOUR.
5. BUILD TRENCHES AND INSTALL ROLLS FROM THE BOTTOM OF THE SLOPE AND WORK UP.
6. CONSTRUCT TRENCHES AT CONTOUR INTERVALS 3-12 FEET APART DEPENDING ON STEEPNESS OF SLOPE. THE STEEPER THE SLOPE, THE CLOSER TOGETHER THE TRENCHES. 1:1=10' 2:1=20' 3:1=30' 4:1=40'
7. LAY THE ROLL ALONG THE TRENCHES FITTING IT SNUGLY AGAINST THE SOIL. MAKE SURE NO GAPS EXIST BETWEEN THE SOIL AND THE STRAW WATTLE.
8. USE A STRAIGHT BAR TO DRIVE HOLES THROUGH THE WATTLE AND INTO THE SOIL FOR THE WILLOW OR WOODEN STAKES.
9. DRIVE THE STAKE THROUGH PREPARED HOLE INTO SOIL. LEAVE ONLY 1 OR 2 INCHES OF STAKE EXPOSED ABOVE ROLL.
10. IF USING WILLOW STAKES REFER TO LIVE STAKING BEST MANAGEMENT PRACTICES.
11. INSTALL STAKES AT LEAST EVERY 4 FEET APART THROUGH THE WATTLE. ADDITIONAL STAKES MAY BE DRIVEN ON THE DOWNSLOPE SIDE OF THE TRENCHES ON HIGHLY EROSION OR VERY STEEP SLOPES.
12. INSPECT THE STRAW ROLLS AND THE SLOPES AFTER SIGNIFICANT STORMS. MAKE SURE THE ROLLS ARE IN CONTACT WITH THE SOIL.
13. REPAIR ANY RILLS OR GULLIES PROMPTLY.
14. RESEED OR REPLANT VEGETATION IF NECESSARY UNTIL SLOPES ARE STABILIZED.

LEGEND

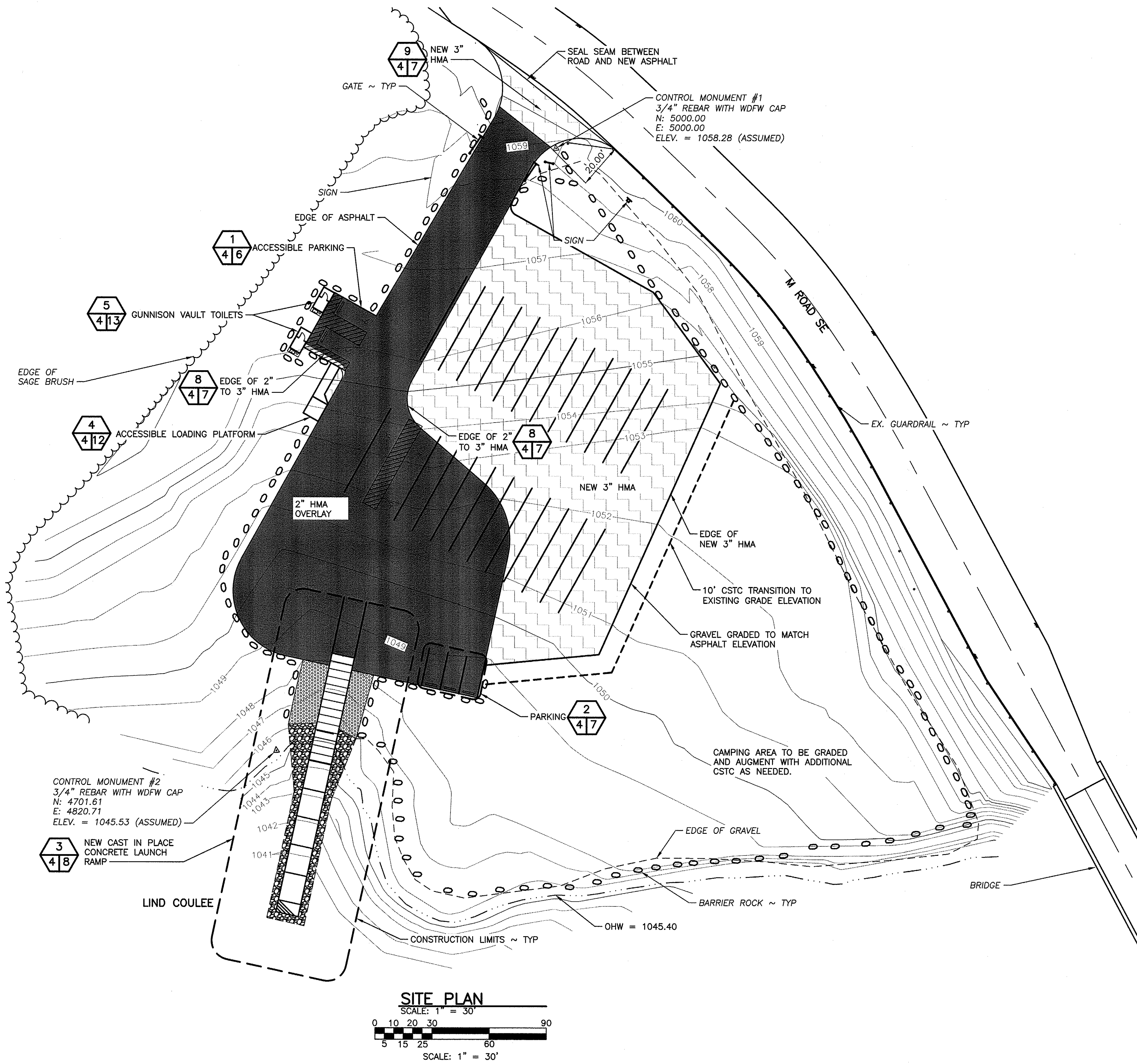
- EX ASPHALT
- EX ASPHALT TO BE REMOVED
- CSTC

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SYM	DATE	REVISION DESCRIPTION	BY
APPROVED AND RELEASED FOR CONSTRUCTION			
CHIEF ENGINEER	<i>[Signature]</i>	DATE: 4/11/21	
PROGRAM		DATE: 05-03-2021	

LIND COULEE BRIDGE WEST ACCESS
REDEVELOPMENT
EROSION CONTROL AND DEMOLITION PLAN,
EROSION DETAIL

PROJECT NO.
GT:A195:2019-1
SHEET
3
OF
13



NOTE:

1. SEE PAGES 10 AND 11 FOR PAVING POINT PLAN
2. CLEAN AND SEAL ALL CRACKS IN EX. ASPHALT TO BE OVERLAID.
3. RESURFACED ASPHALT SHOULD BE OVERLAID.

IMPERVIOUS AREAS

2" HMA OVERLAY	22,264 SF
NEW 3" HMA	21,239 SF
EX GRAVEL	41,885 SF
BOAT RAMP	200 SF
LOADING PLATFORM	121 SF

LEGEND

	EX ASPHALT
	NEW ASPHALT
	CSTC
	QUARRY SPALLS

SITE PLAN

SCALE: 1" = 30'



SCALE: 1" = 30'

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LIND COULEE BRIDGE WEST ACCESS

REDEVELOPMENT
SITE PLAN
AND IMPERVIOUS AREA TABLE

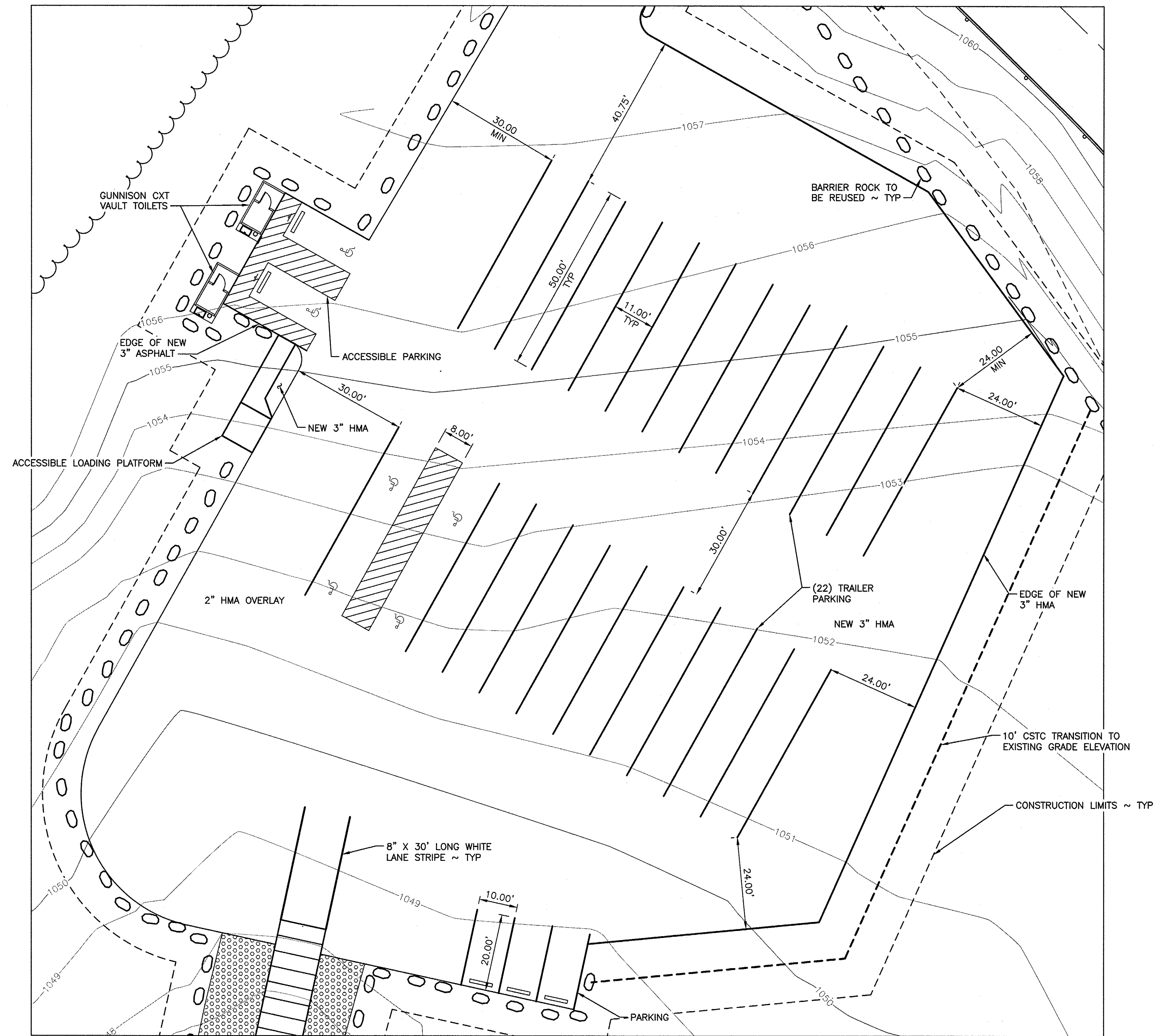
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GT:A195:2019-1

SHEET OF

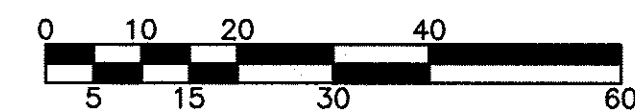
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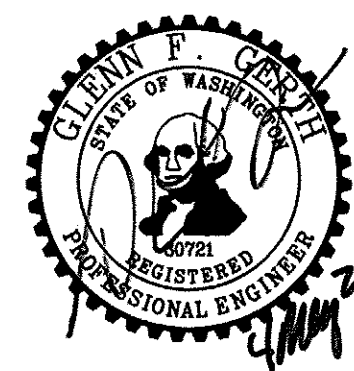
ACCESSIBLE PARKING AND STRIPING PLAN

SCALE: 1" = 20'



SCALE: 1" = 20'

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SYM	DATE	REVISION DESCRIPTION	BY
APPROVED AND RELEASED FOR CONSTRUCTION			
CHIEF ENGINEER	<i>[Signature]</i>	DATE: <i>4/14/21</i>	
PROGRAM		DATE: 05-03-2021	

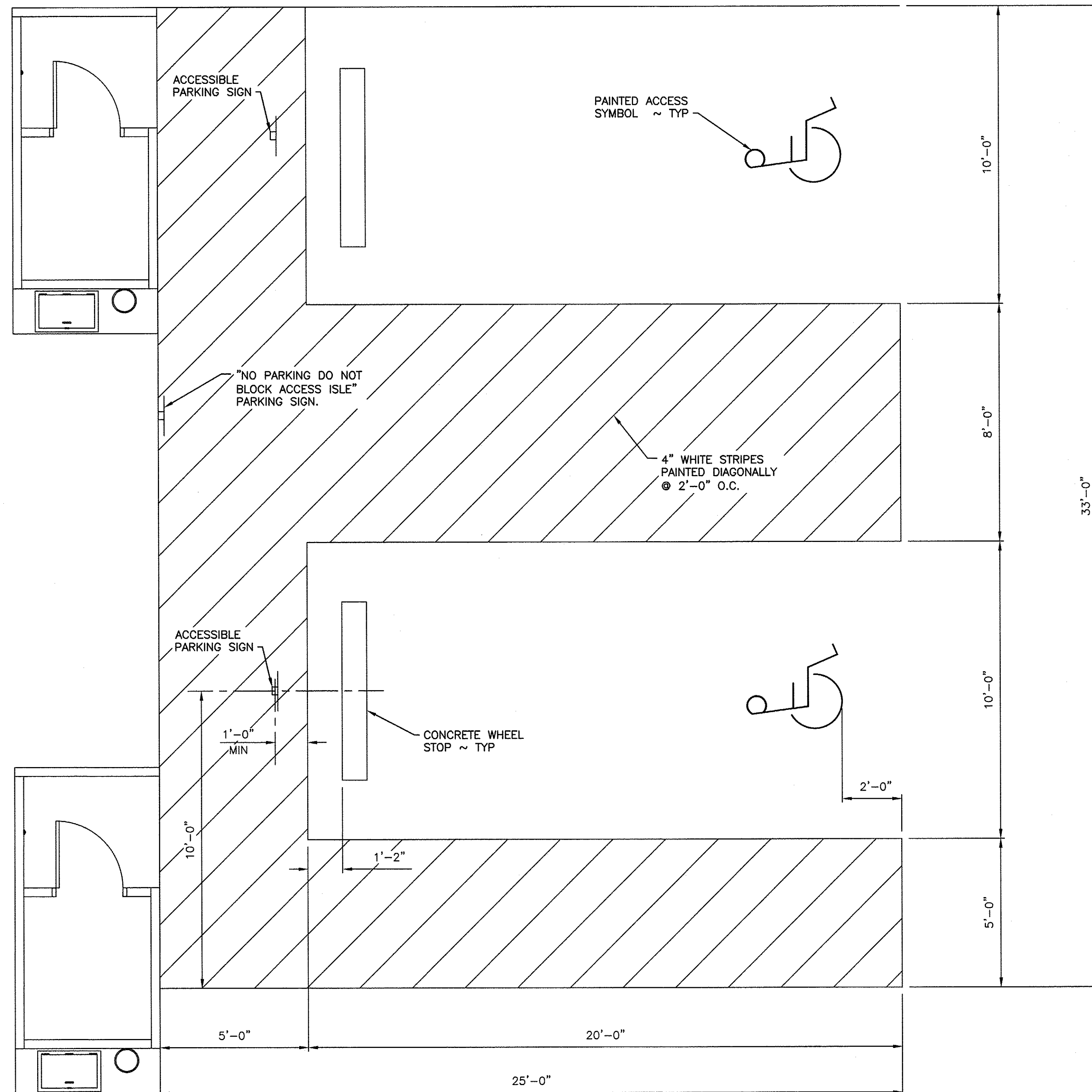
DESIGNED BY W. BERGFORD
CHECKED BY D. SMITH
DRAWN BY D. HENNING
DATE 05-03-2021

LIND COULEE BRIDGE WEST ACCESS

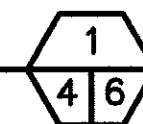
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ACCESSIBLE PARKING AND STRIPING PLAN

PROJECT NO.
GT:A195:2019-1

SHEET OF
5 13

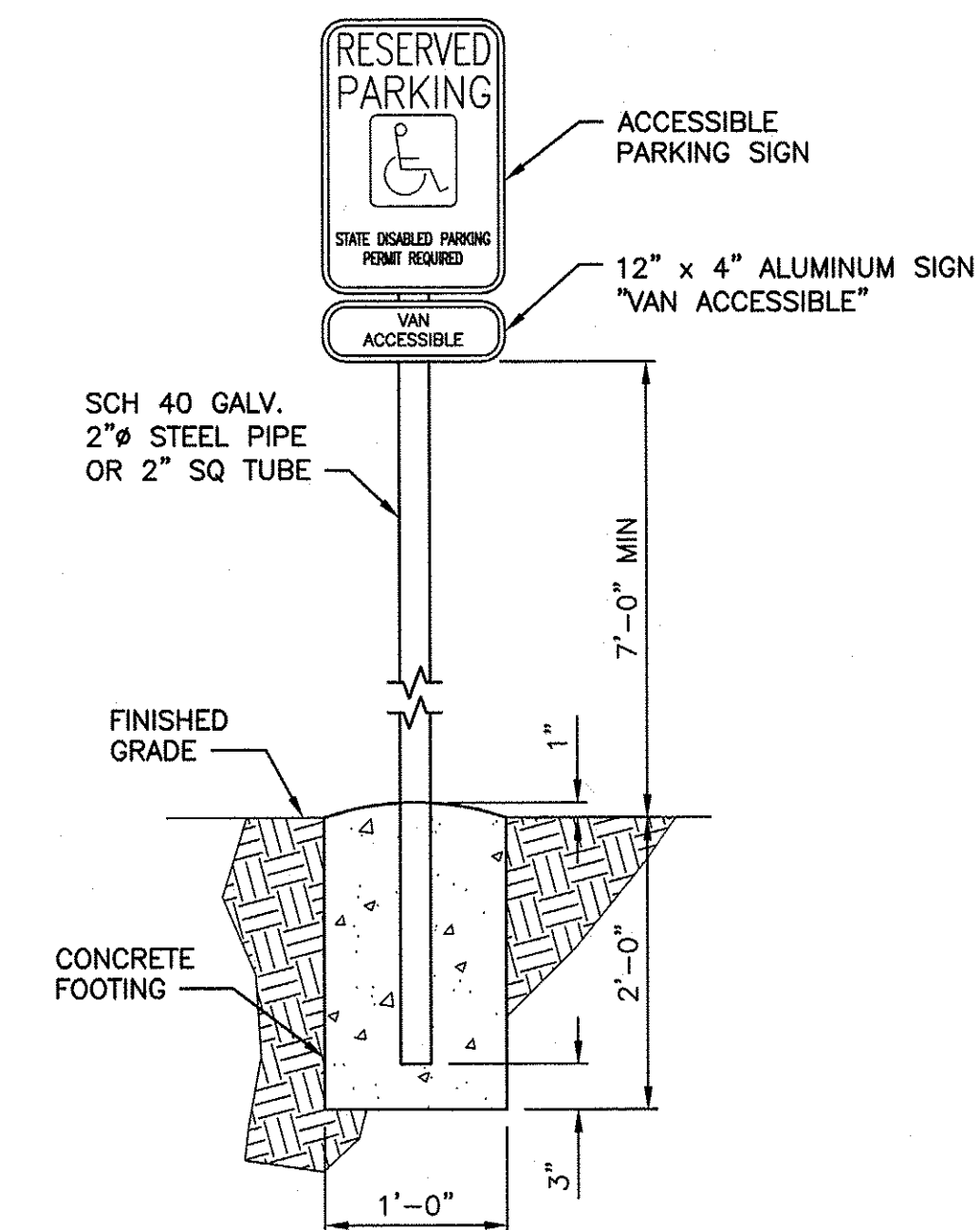


VAN ACCESSIBLE PARKING AREA
NOT TO SCALE



NOTE:

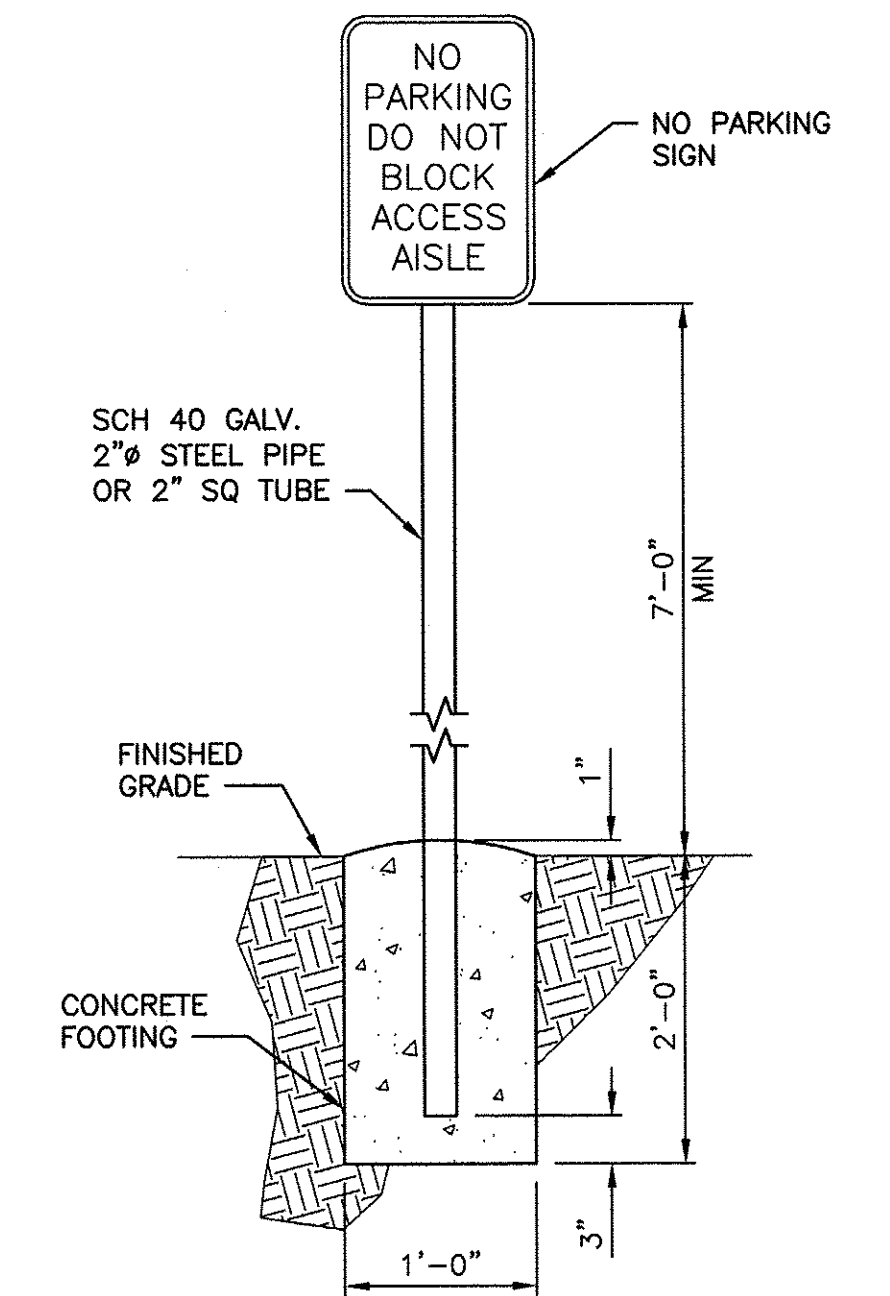
- 2% MAXIMUM SLOPE IN ALL DIRECTIONS.
- TOILET LOCATION TO BE STAKED BY PROJECT ENGINEER
- SLOPE AWAY FROM TOILETS. MATCH GRADE AT TOILET STOOP



ACCESSIBLE PARKING SIGN

NOT TO SCALE

NOTE: USE TAMPER RESISTANT NUTS TO ATTACH SIGNS TO POST.

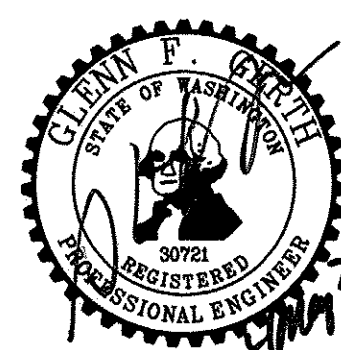


NO PARKING SIGN

NOT TO SCALE

NOTE: USE TAMPER RESISTANT NUTS TO ATTACH SIGNS TO POST.

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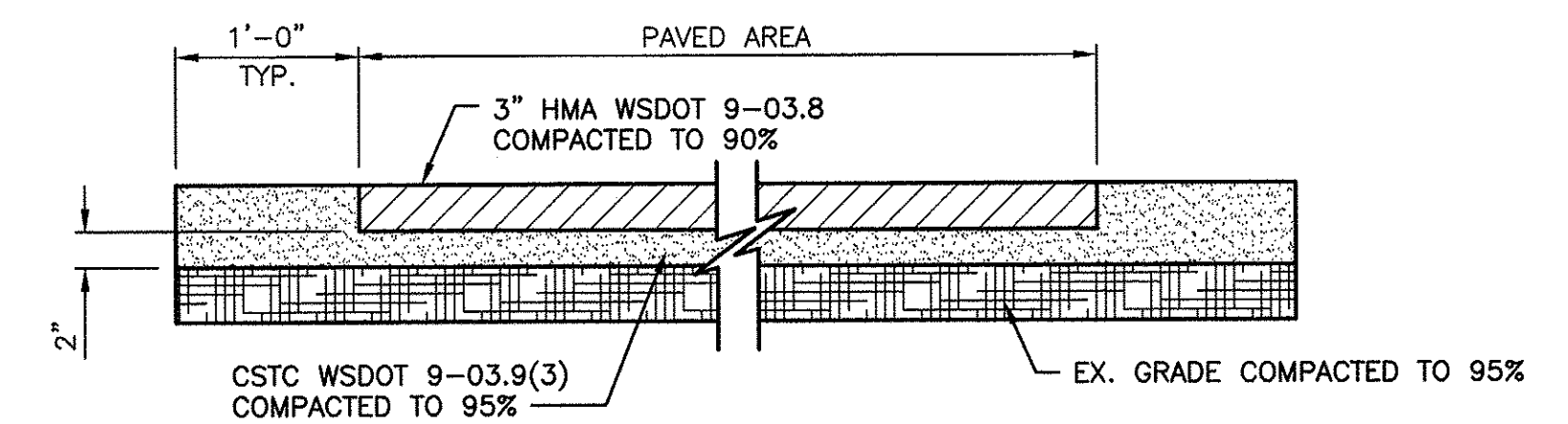
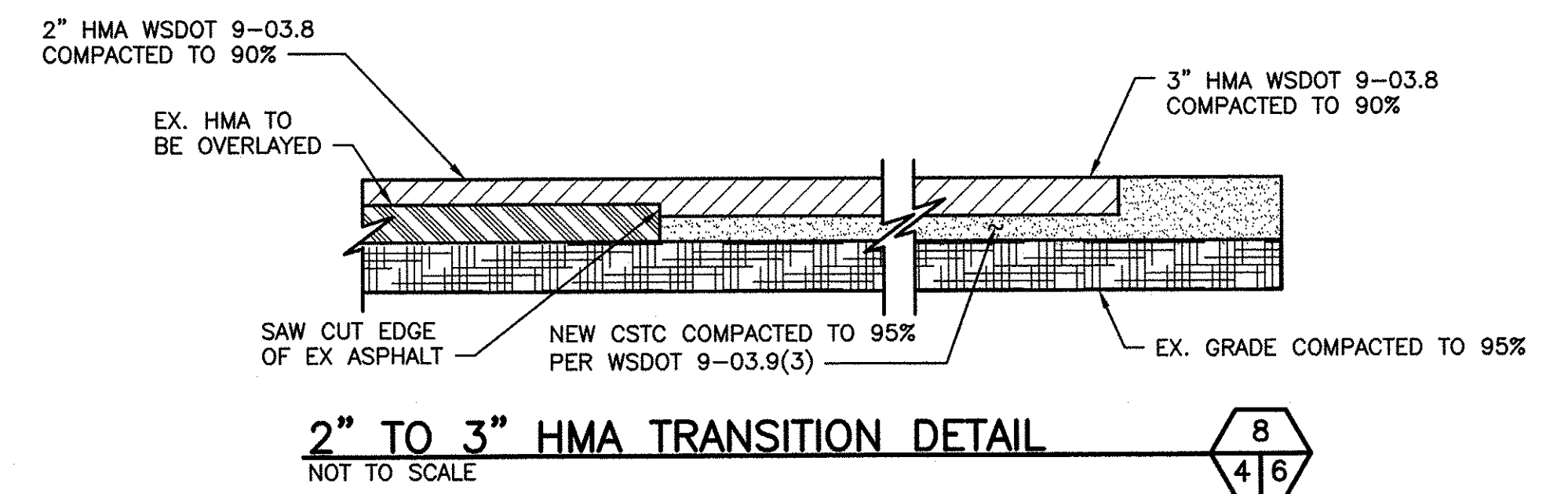
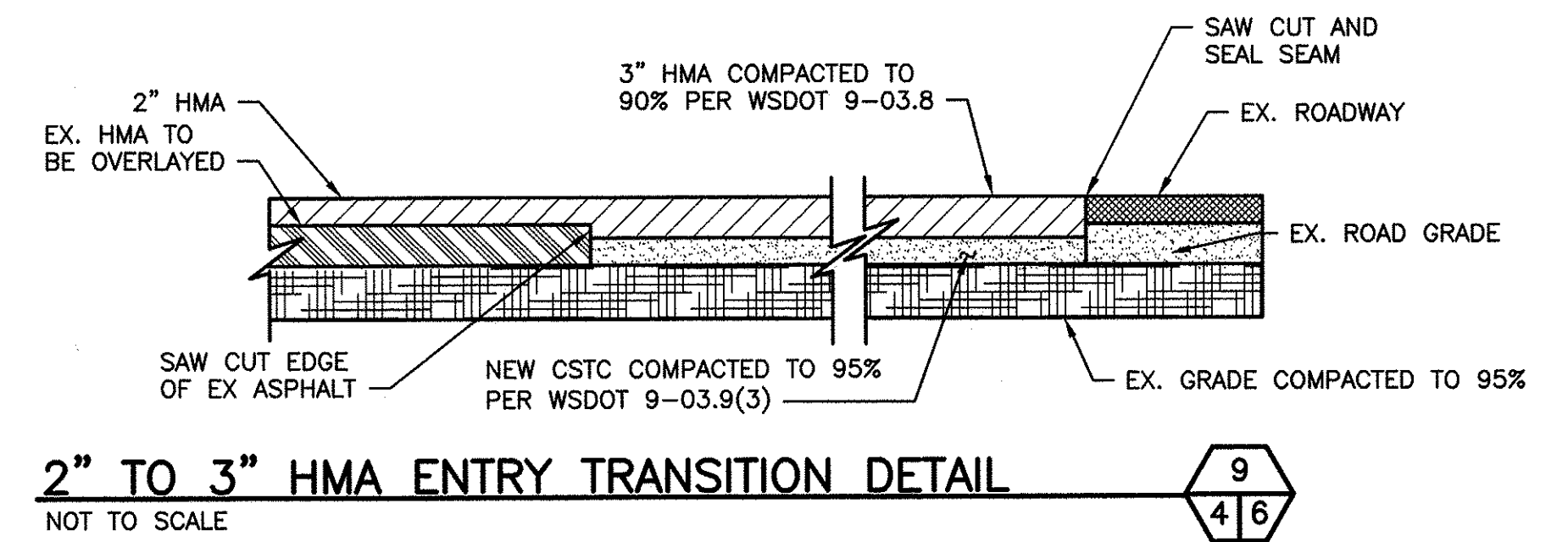
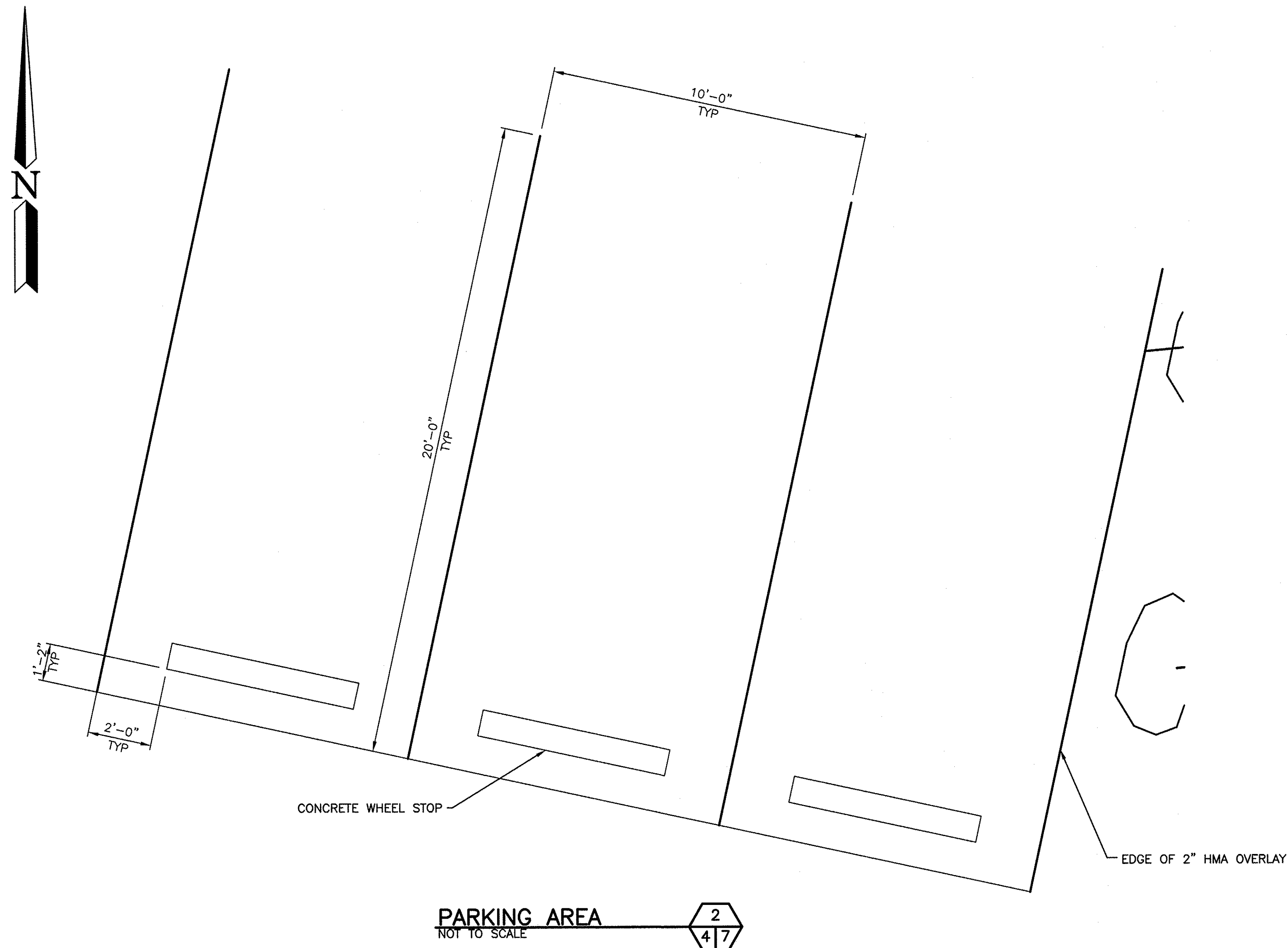
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PROGRAM		DATE: 05-03-2021	

LIND COULEE BRIDGE WEST ACCESS

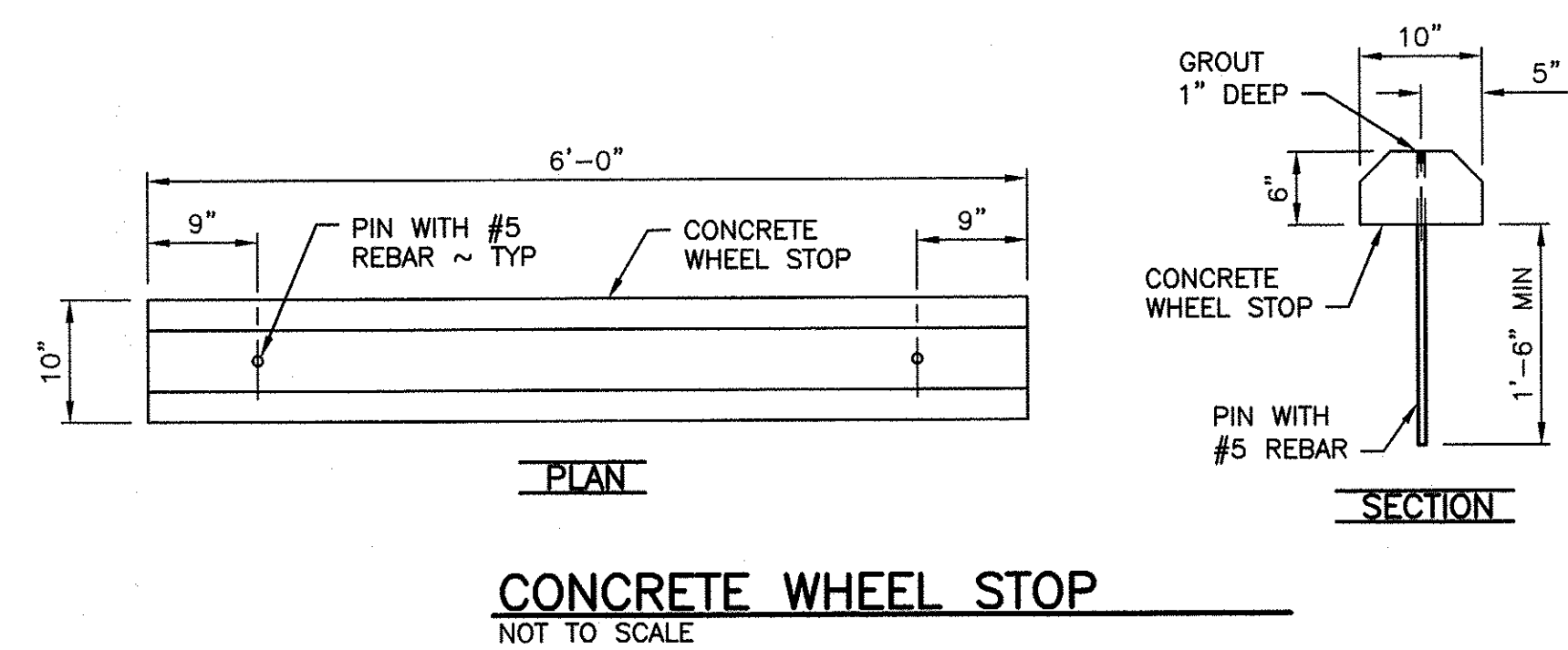
REDEVELOPMENT
VAN ACCESSIBLE PARKING
AND DETAILS

PROJECT NO.
GT:A195:2019-1

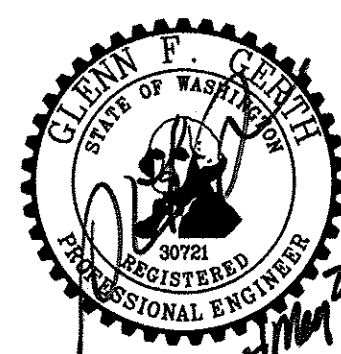
SHEET
6 OF
13



- NOTE:
- 1 PAVING CONTRACTOR TO PROVIDE 1' SHOULDER ON NON-TRAFFIC EDGES AND A 10' GRAVEL TRANSITION ON TRAFFIC EDGES.
 2. EXISTING GRAVEL PARKING AUGMENT WITH CSBC AS NEEDED.



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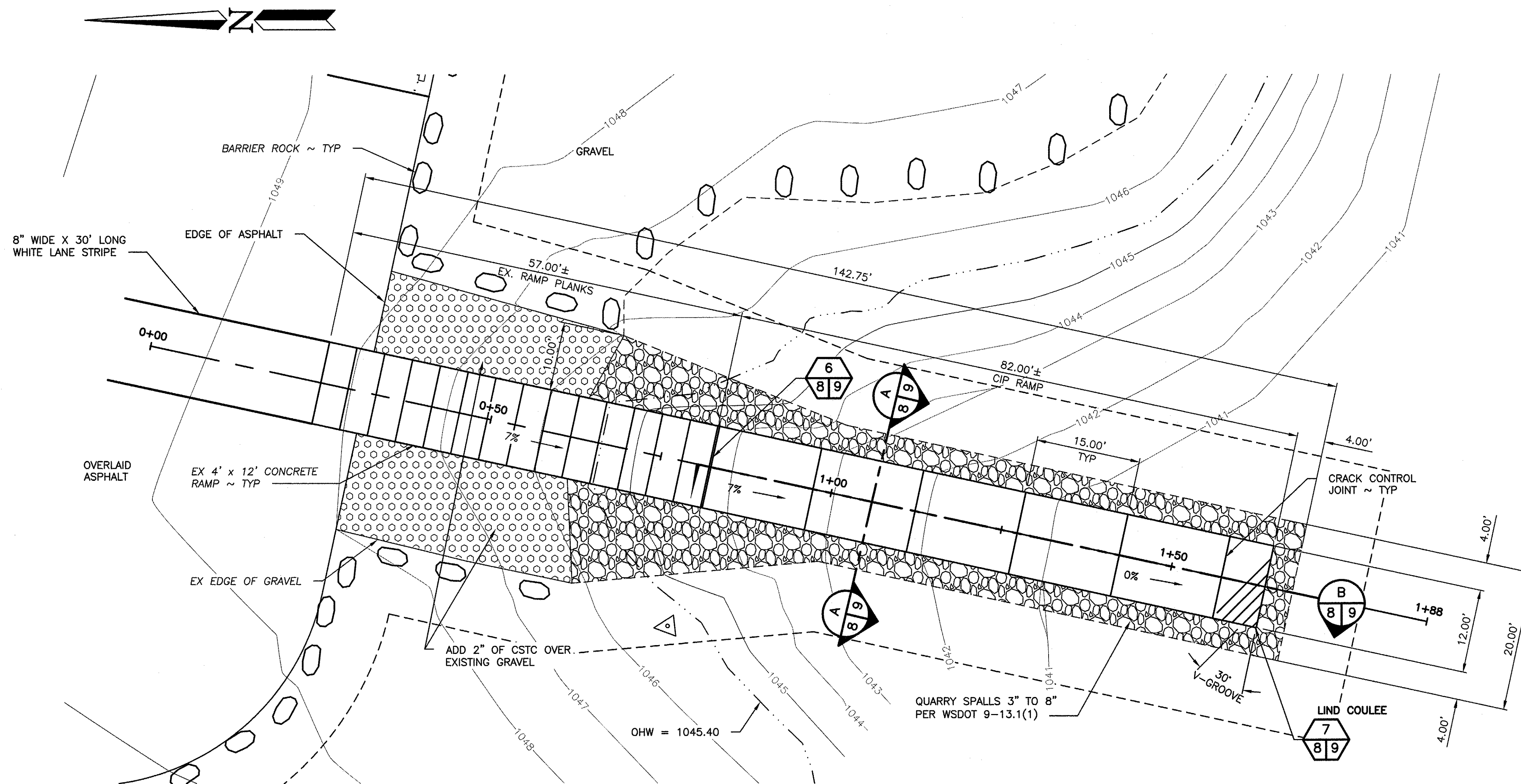
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LIND COULEE BRIDGE WEST ACCESS
REDEVELOPMENT
PARKING
AND DETAILS

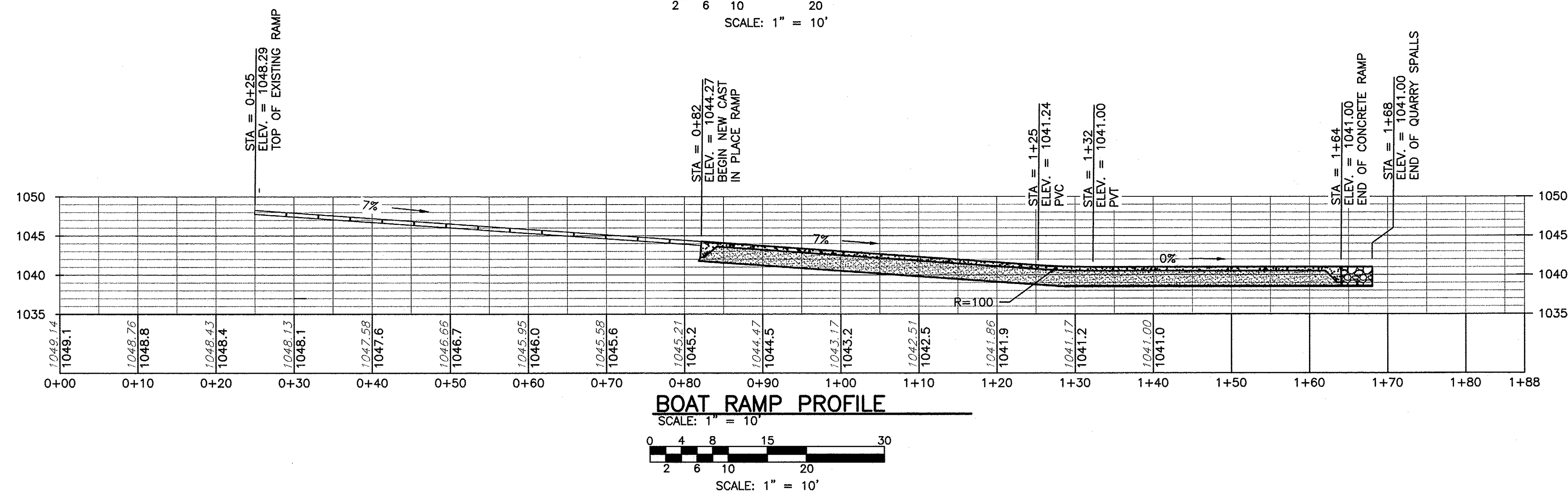
PROJECT NO.
GT:A195:2019-1

SHEET
7

OF
13



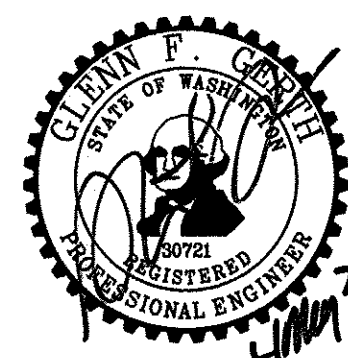
BOAT RAMP PLAN
SCALE: 1" = 10'



BOAT RAMP PROFILE
SCALE: 1" = 10'

- LEGEND**
- CSTC
 - QUARRY SPALLS
 - CSBC

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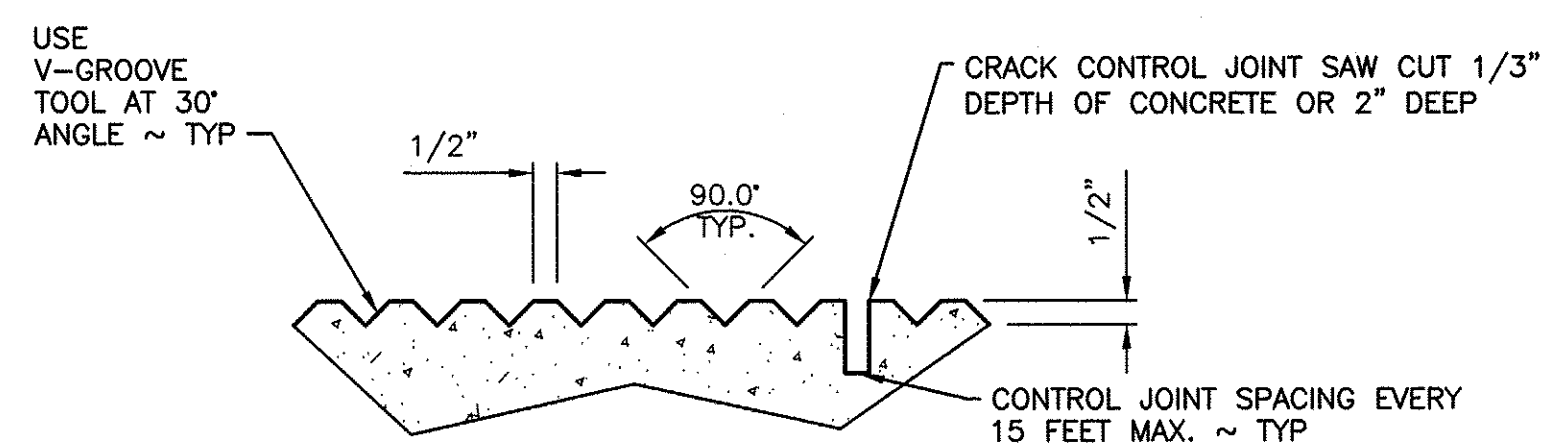
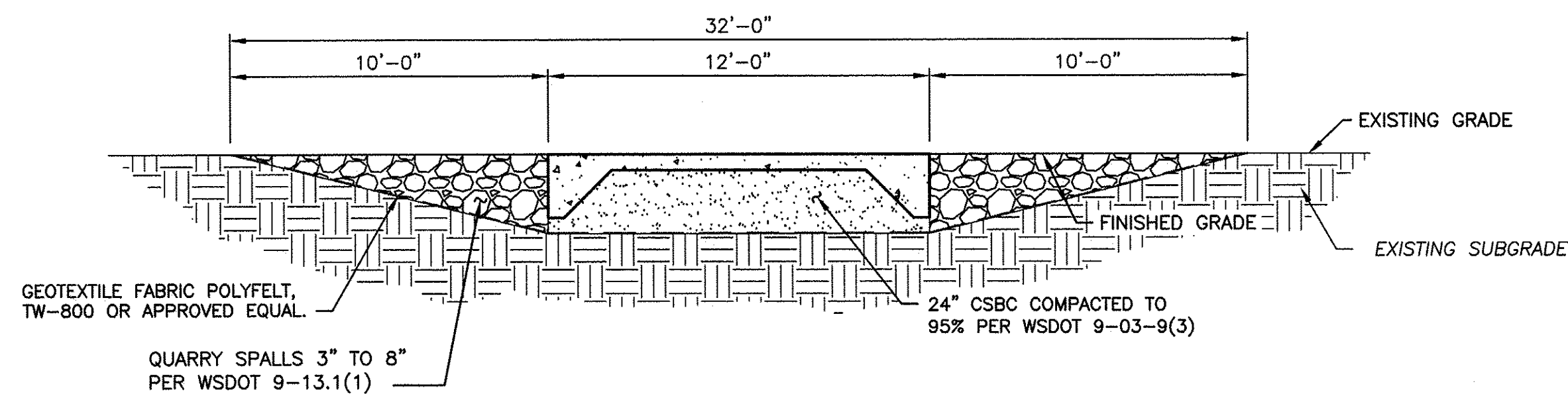


SYM	DATE	REVISION DESCRIPTION	BY
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CHIEF ENGINEER		DATE: 4-MAY-21	
PROGRAM		DATE:	

DESIGNED BY W. BERGFORD
CHECKED BY D. SMITH
DRAWN BY D. HENNING
DATE 05-03-2021

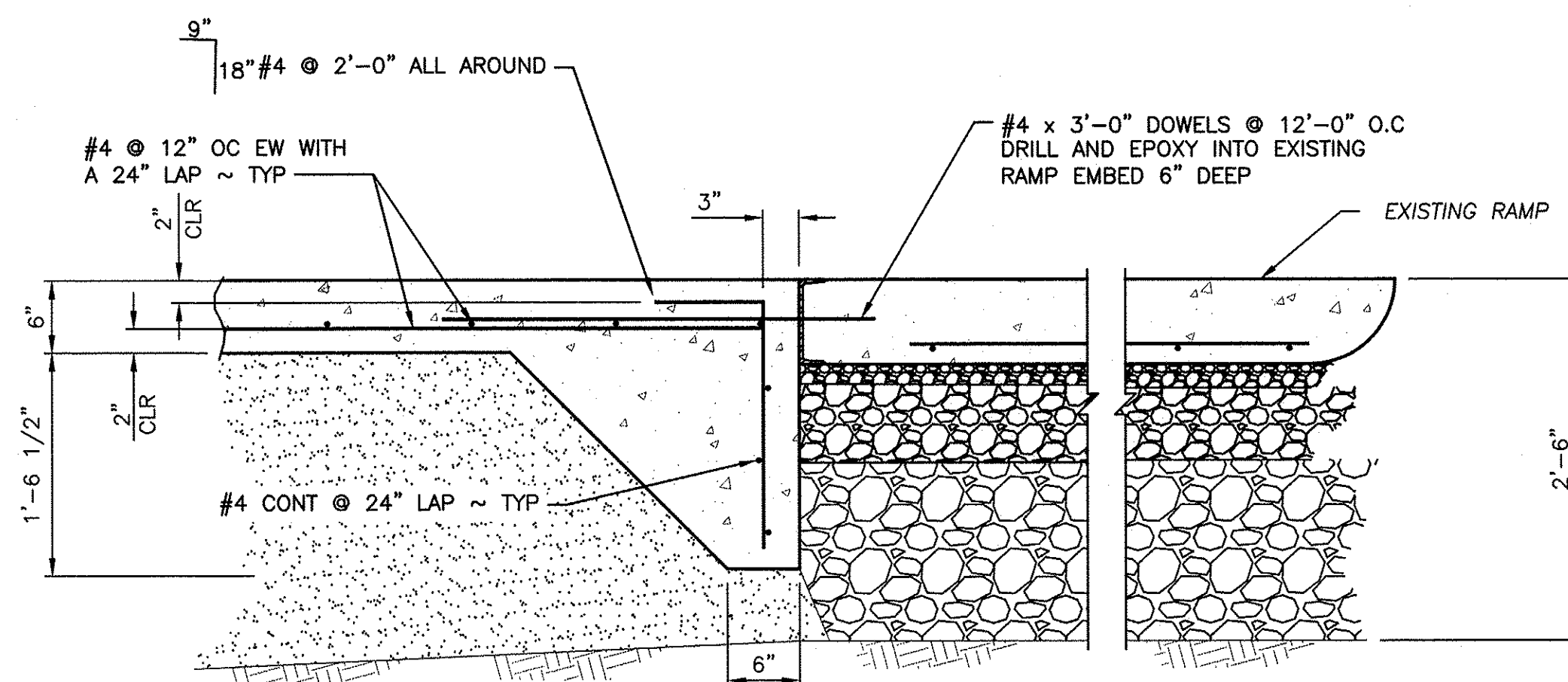
LIND COULEE BRIDGE WEST ACCESS
REDEVELOPMENT
RAMP PLAN
AND PROFILE

PROJECT NO.
GT:A195:2019-1
SHEET 8 OF 13



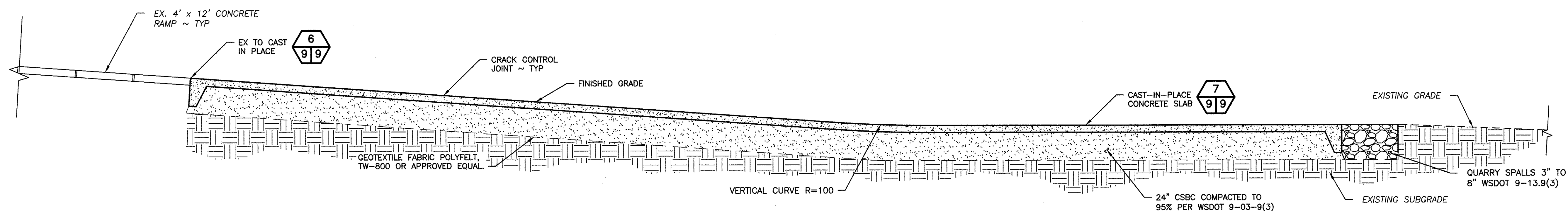
CAST IN PLACE JOINT DETAIL
NOT TO SCALE

7
8/9 9/9



EXISTING TO CAST IN PLACE CONNECTION DETAIL
NOT TO SCALE

6
8/9 9/9



RAMP SECTION
SCALE: 1/4" = 1'-0"

B
8/9 9/9

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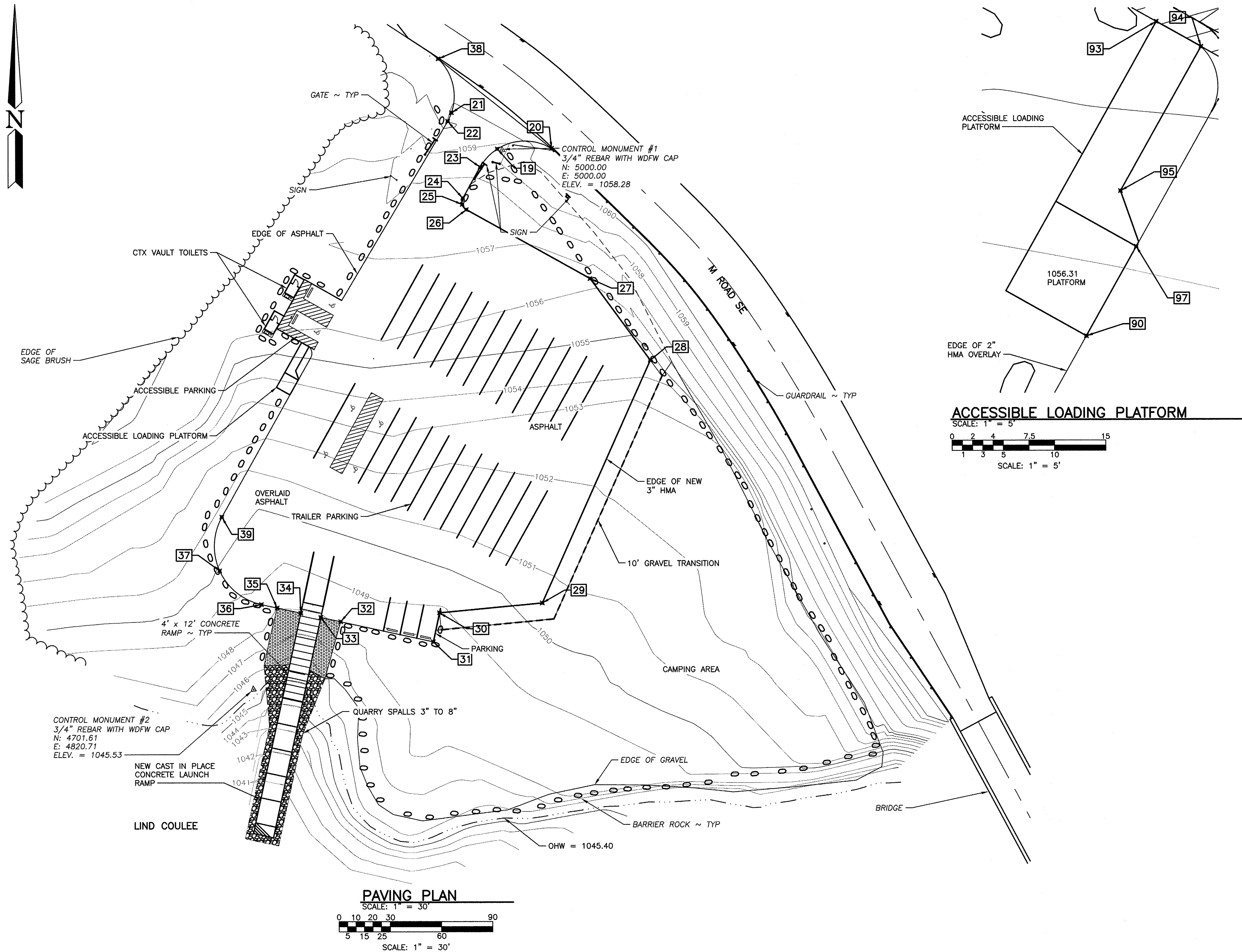
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LIND COULEE BRIDGE WEST ACCESS

REDEVELOPMENT
RAMP SECTION
AND DETAILS

PROJECT NO.
GT:A195:2019-1

SHEET
9
OF
13



- NOTE:
1. ELEVATIONS ARE APPROXIMATE AND SHALL BE 2" ABOVE EXISTING ASPHALT AND FOLLOW EXISTING GRADE
 2. ELEVATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.

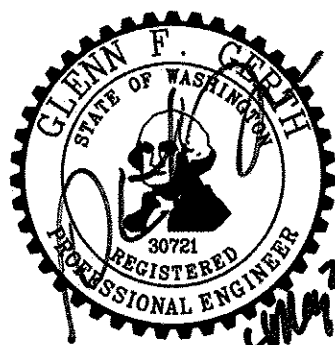
PARKING LOT AND ENTRY

POINT #	EASTING	NORTHING	ELEVATION	DESCRIPTION
19	2045616.48	580.45	1058.82	TRANSITION BETWEEN 2-3"
20	2045648.28	580.79	1060.48	BEGIN PAVING
21	2045589.68	601.60	1059.99	TRANSITION BETWEEN 2-3"
22	2045587.46	596.68	1060.17	EP END CURVE
23	2045606.42	569.79	1058.27	EP END CURVE
24	2045596.25	551.61	1057.61	EP BEGIN NEW PARKING
25	2045595.90	547.98	1057.62	EP MIDDLE CURVE
26	2045598.27	544.98	1057.67	EP END CURVE
27	2045670.71	504.47	1056.50	EP ANGLE
28	2045705.95	456.65	1054.52	EP CORNER
29	2045642.32	314.48	1050.46	EP CORNER
30	2045582.09	308.75	1048.92	EP CORNER
31	2045578.40	291.76	1048.68	EP CORNER
32	2045524.07	303.54	1048.28	EP CORNER
33	2045512.51	306.05	1047.87	EP RAMP
34	2045500.78	308.59	1047.87	EP RAMP
35	2045486.96	311.59	1048.00	EP GRAVEL
36	2045477.73	313.59	1048.42	EP END CURVE
37	2045453.21	333.43	1049.91	EP MIDDLE CURVE
38	2045581.97	633.16	1060.73	BEGIN ASPHALT
39	2045454.59	364.92	1050.79	EP BEGIN CURVE

ACCESSIBLE LOADING PLATFORM

POINT #	EASTING	NORTHING	ELEVATION	DESCRIPTION
90	2045494.71	436.47	1053.71	CORNER OF LOADING PLATFORM
93	2045501.58	467.14	1055.54	EP BEGIN LOADING PLATFORM
94	2045505.94	464.68	1055.54	EP BEGIN LOADING PLATFORM
95	2045498.06	450.64	1054.74	ANGLE LOADING RAMP
97	2045499.60	445.20	1054.31	CORNER OF LOADING PLATFORM

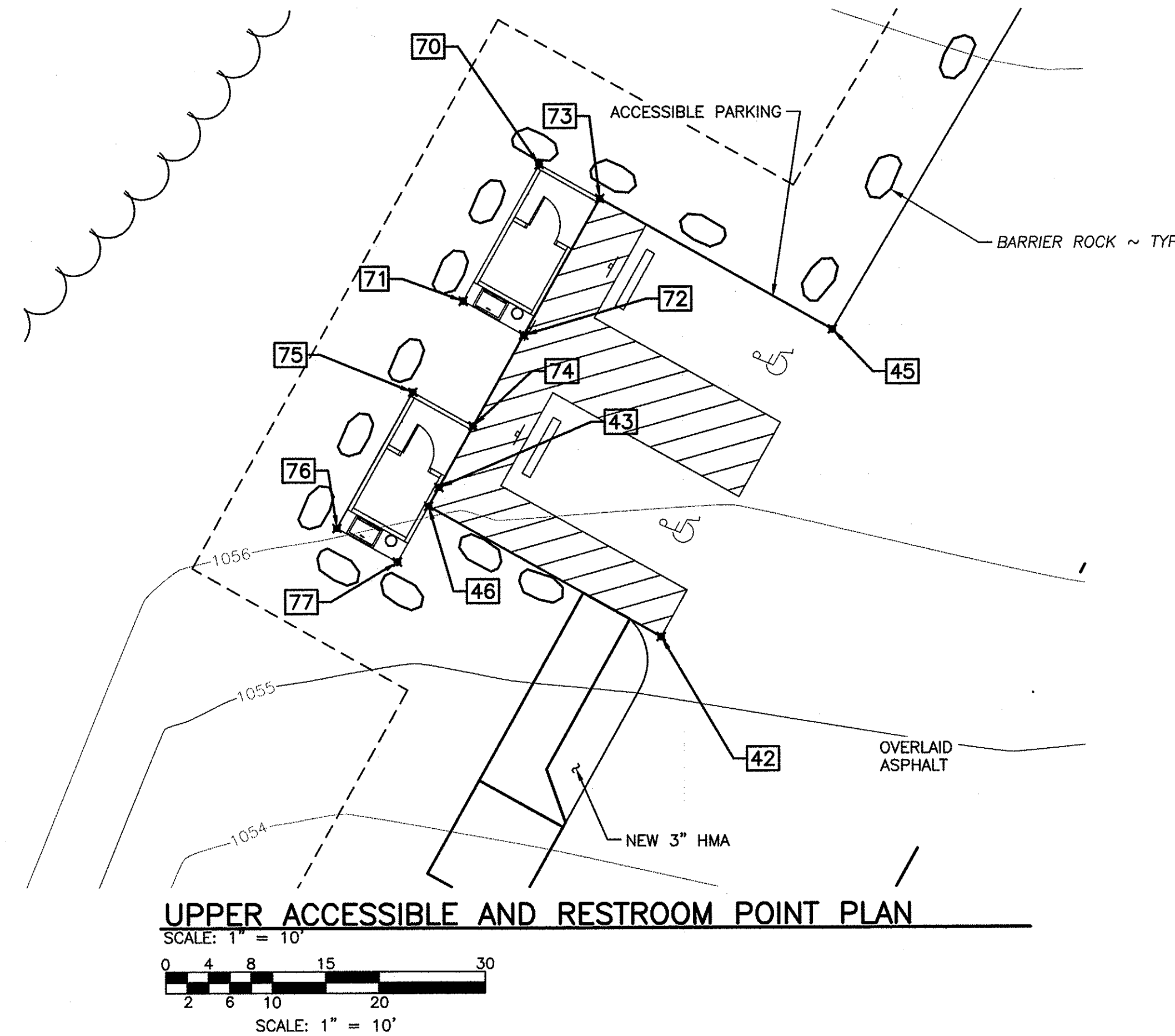
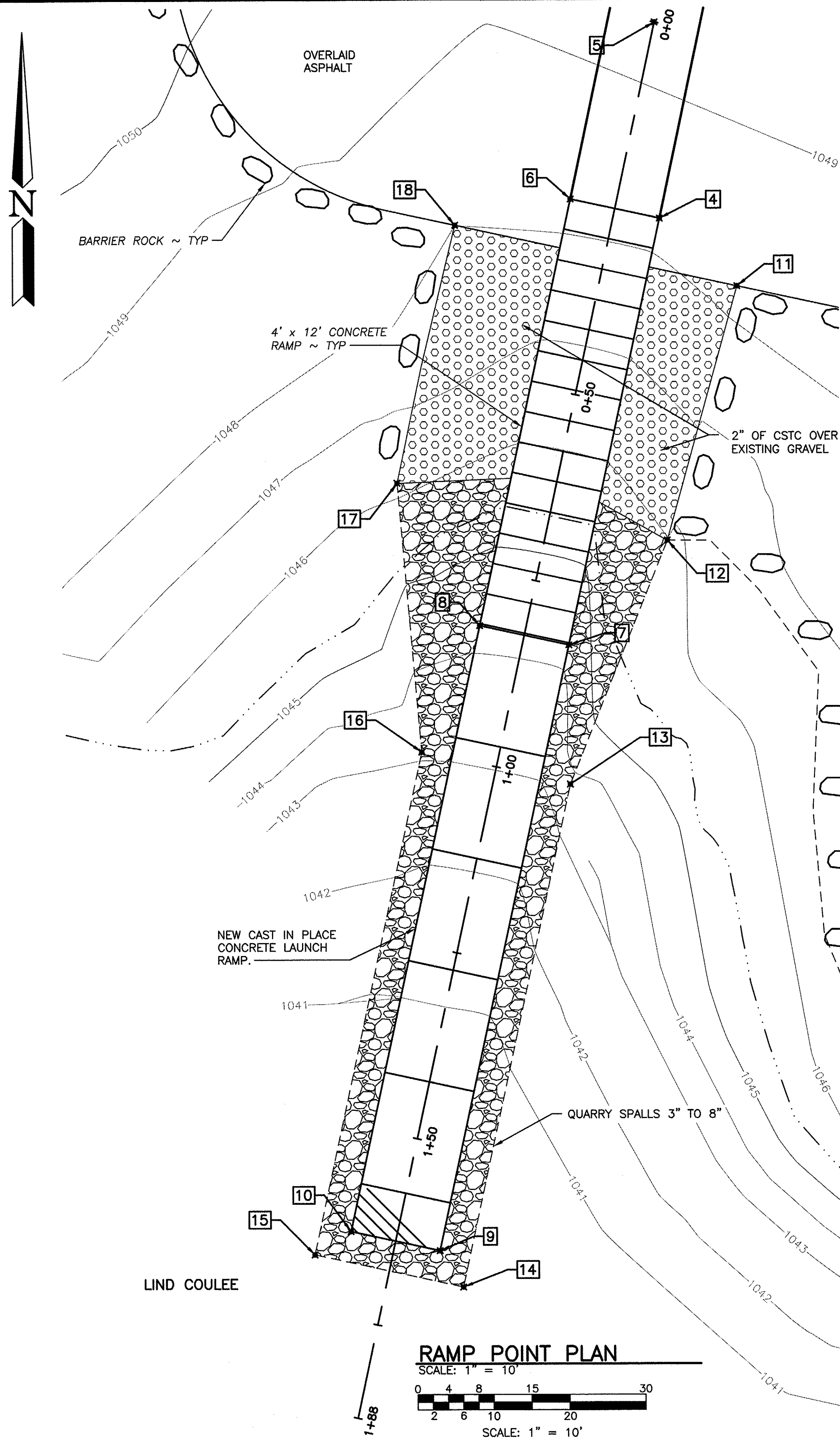
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FISH & WILDLIFE



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CHIEF ENGINEER			DATE: 4/11/21
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LIND COULEE BRIDGE WEST ACCESS
REDEVELOPMENT
PAVING PLAN AND ACCESSIBLE LOADING PLATFORM,
POINT TABLE

PROJECT NO.
GT:A195:2019-1
SHEET
10
OF
13



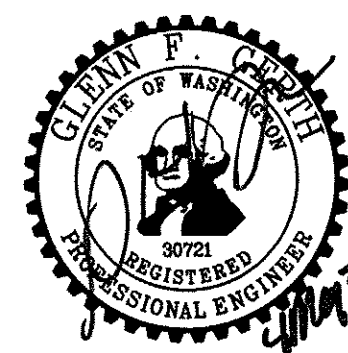
RESTROOMS				
POINT #	EASTING	NORTHING	ELEVATION	DESCRIPTION
70	2045497.62	507.24	1056.88	CORNER OF TOILET
71	2045490.44	494.50	1057.17	CORNER OF TOILET
72	2045496.10	491.31	1057.04	CORNER OF TOILET
73	2045503.28	504.05	1056.75	CORNER OF TOILET
74	2045491.32	482.80	1056.28	CORNER OF TOILET
75	2045485.67	485.99	1056.41	CORNER OF TOILET
76	2045478.49	473.25	1056.70	CORNER OF TOILET
77	2045484.15	470.06	1056.57	CORNER OF TOILET

ACCESSIBLE PARKING				
POINT #	EASTING	NORTHING	ELEVATION	DESCRIPTION
42	2045508.88	463.03	1056.25	EP ACCESSABLE PARKING
43	2045488.09	477.04	1056.13	EP ACCESSABLE PARKING
45	2045525.07	491.79	1056.25	EP ACCESSABLE PARKING
46	2045487.11	475.30	1056.05	EP ACCESSABLE PARKING

RAMP				
POINT #	EASTING	NORTHING	ELEVATION	DESCRIPTION
4	2045513.90	312.45	1048.26	CORNER EX RAMP
5	2045513.33	338.16	1050.04	CONTROL POINT
6	2045502.17	315.00	1048.27	CORNER EX RAMP
7	2045501.75	256.42	1044.24	BEGIN CIP RAMP
8	2045490.02	258.97	1044.24	BEGIN CIP RAMP
9	2045484.50	176.86	1040.83	END CIP RAMP
10	2045472.77	179.40	1040.83	END CIP RAMP
11	2045524.07	303.54	1048.28	EDGE GRAVEL
12	2045514.79	270.16	1045.98	EDGE GRAVEL
13	2045501.88	238.15	1043.44	EDGE GRAVEL
14	2045487.56	172.10	1040.84	EDGE GRAVEL
15	2045468.01	176.34	1040.44	EDGE GRAVEL
16	2045482.33	242.39	1043.08	EDGE GRAVEL
17	2045479.22	277.71	1046.14	EDGE GRAVEL
18	2045486.96	311.59	1048.00	EDGE GRAVEL

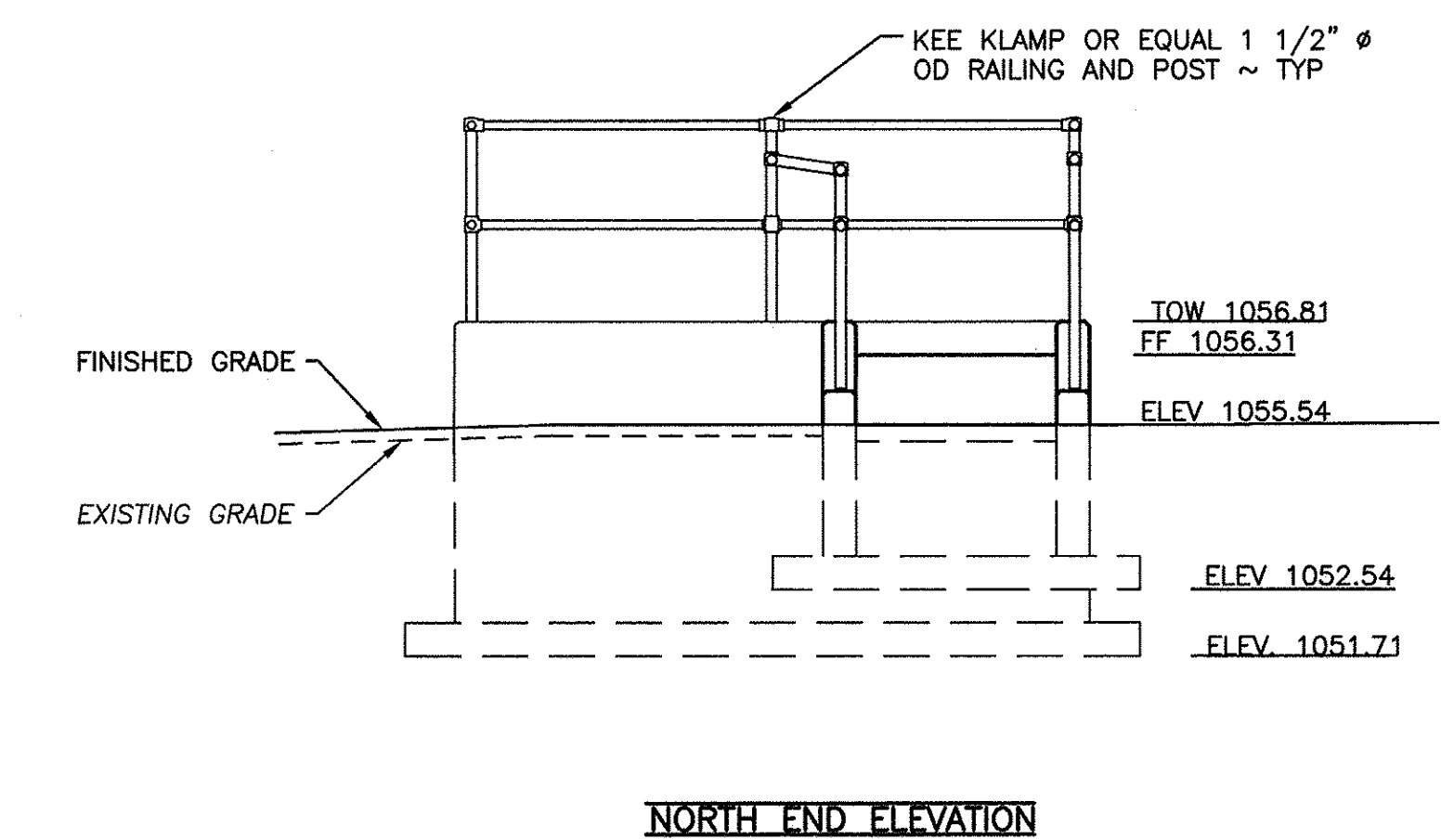
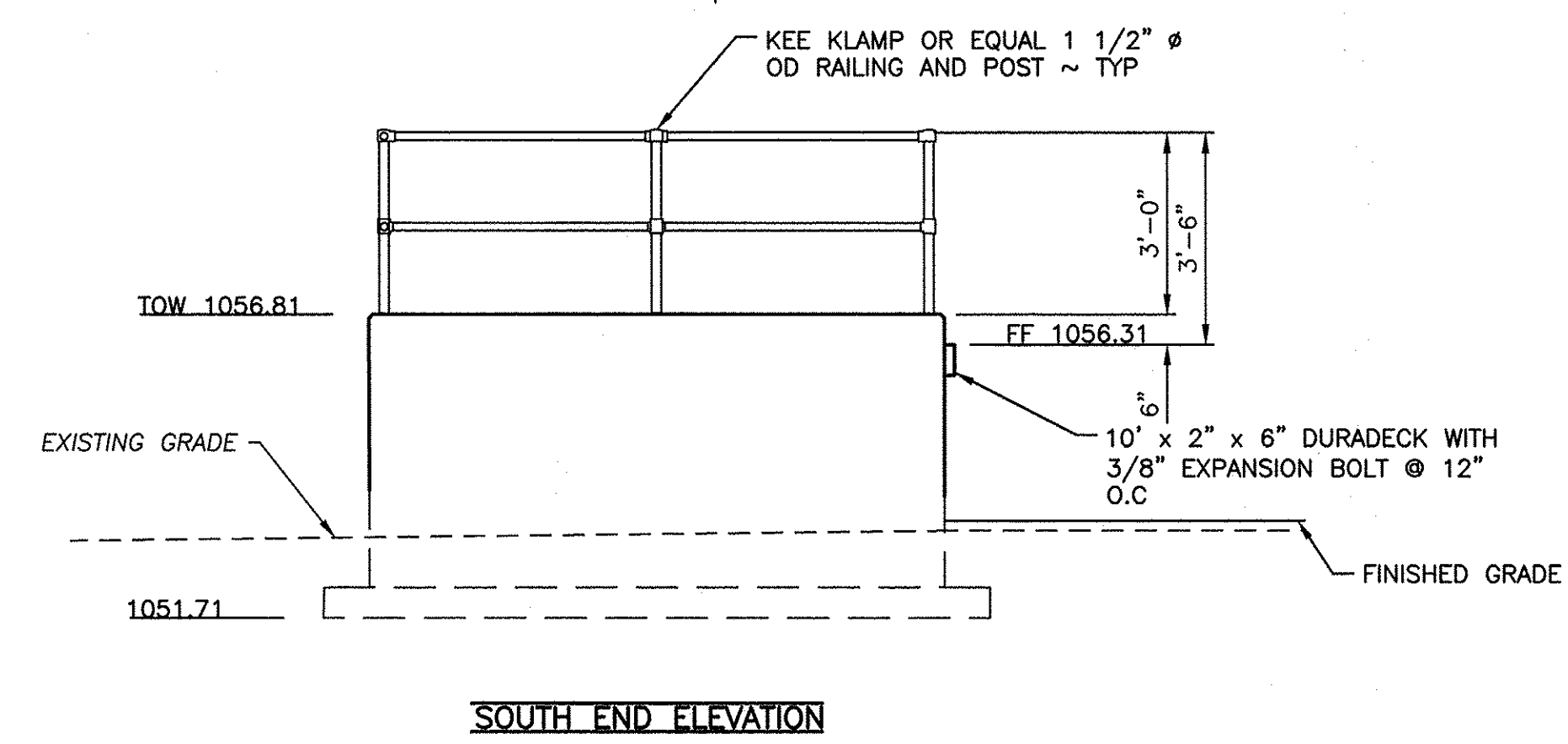
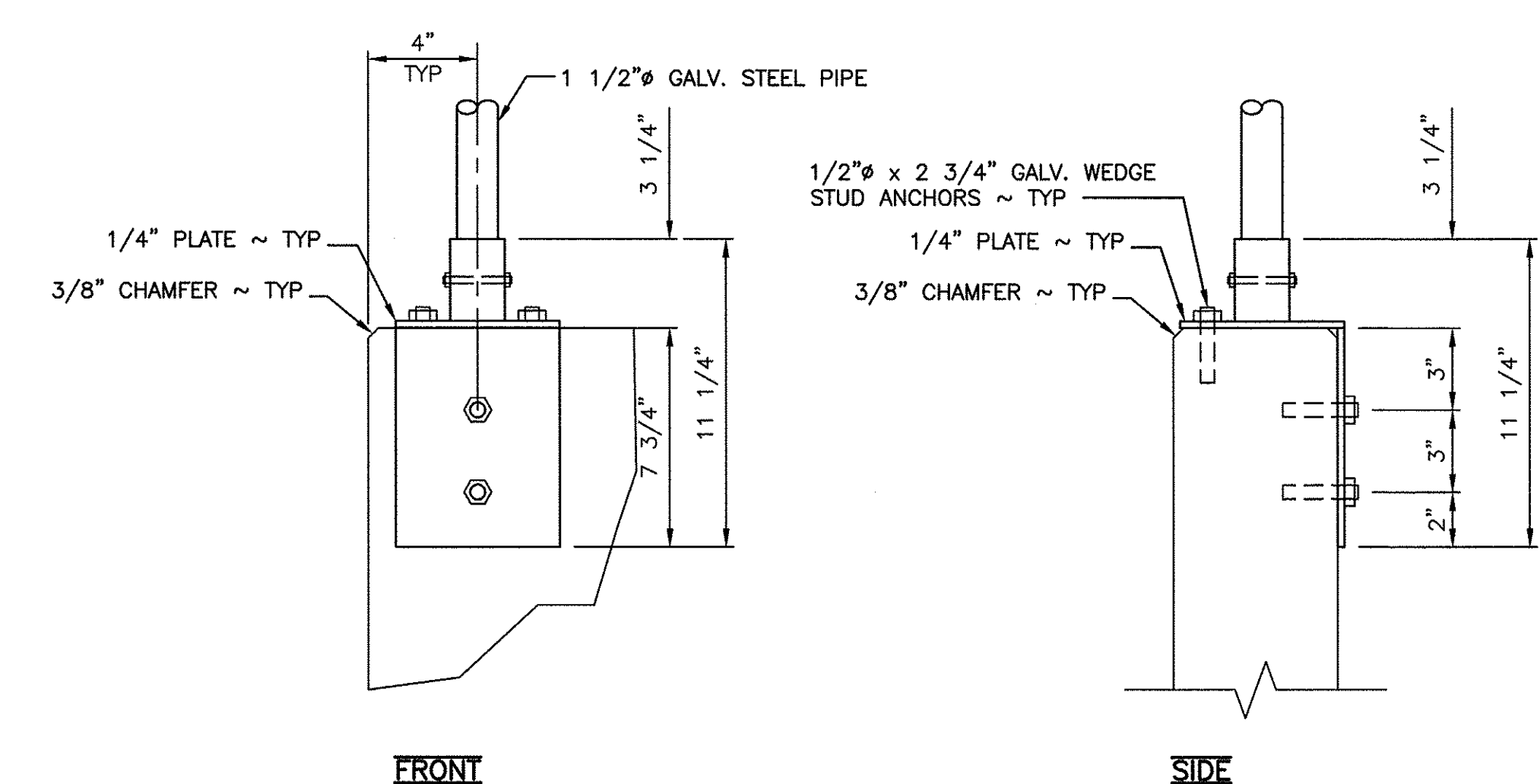
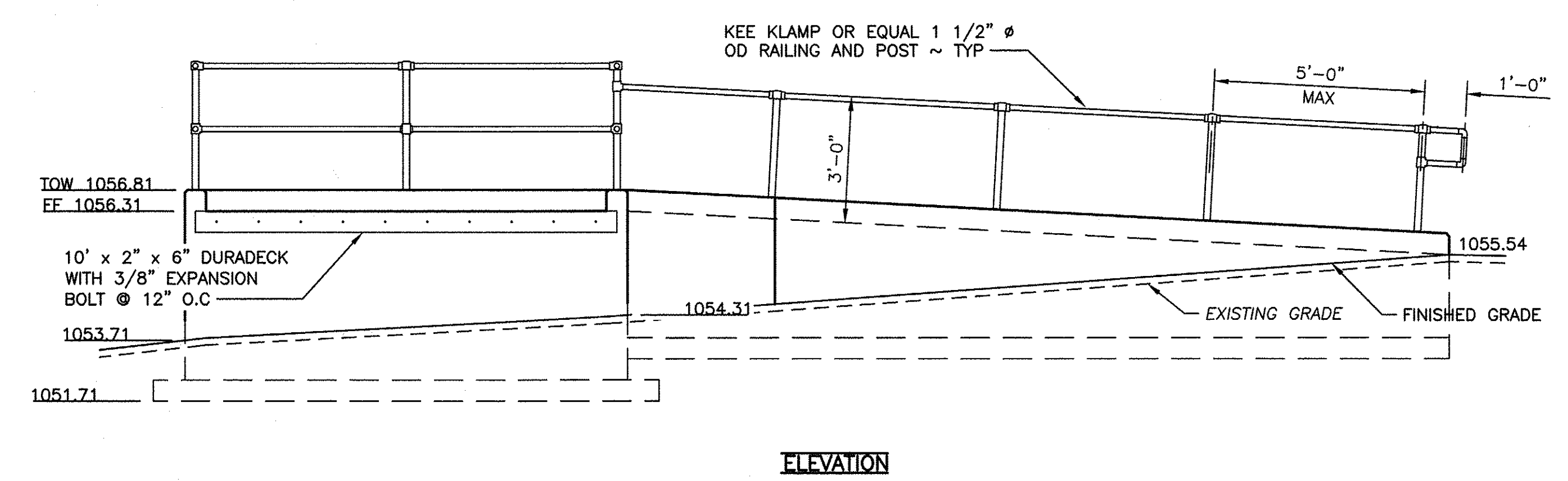
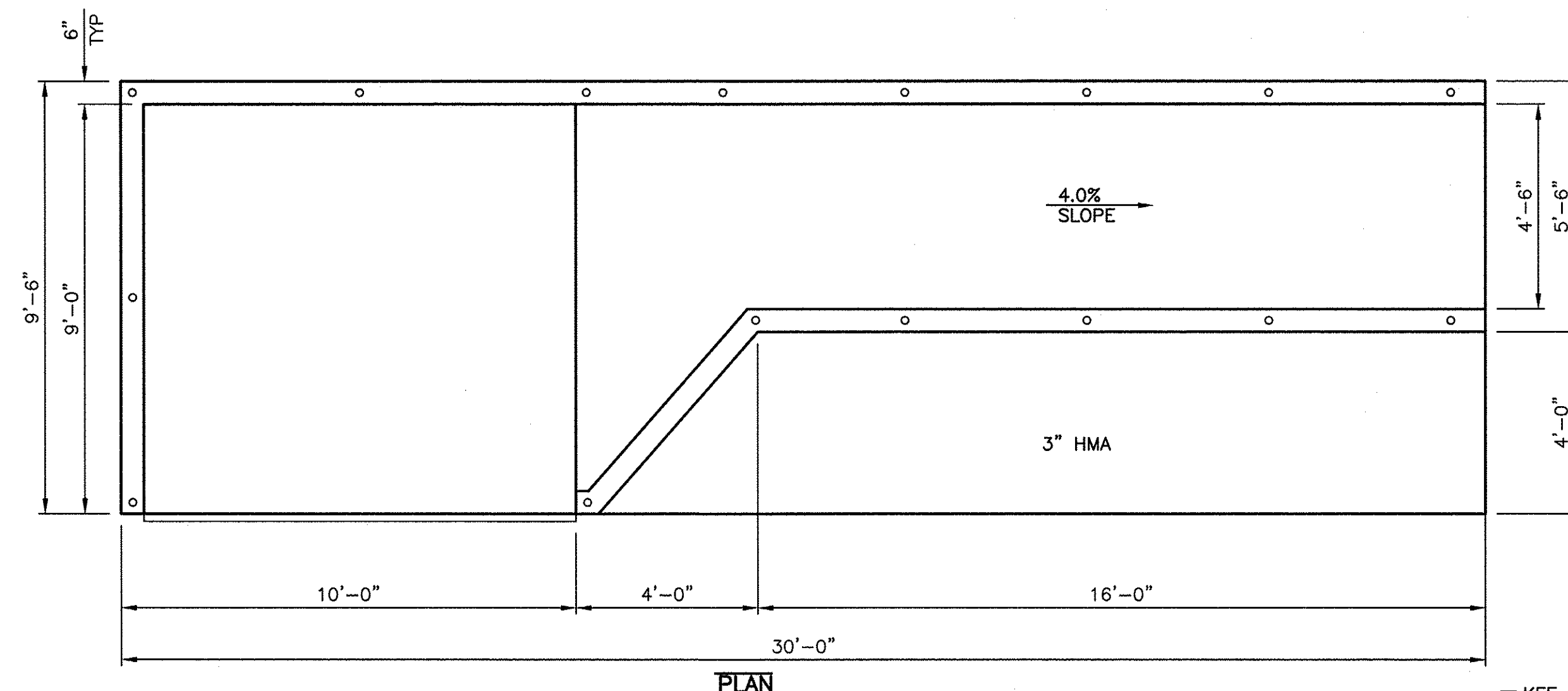
NOTE: ELEVATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.

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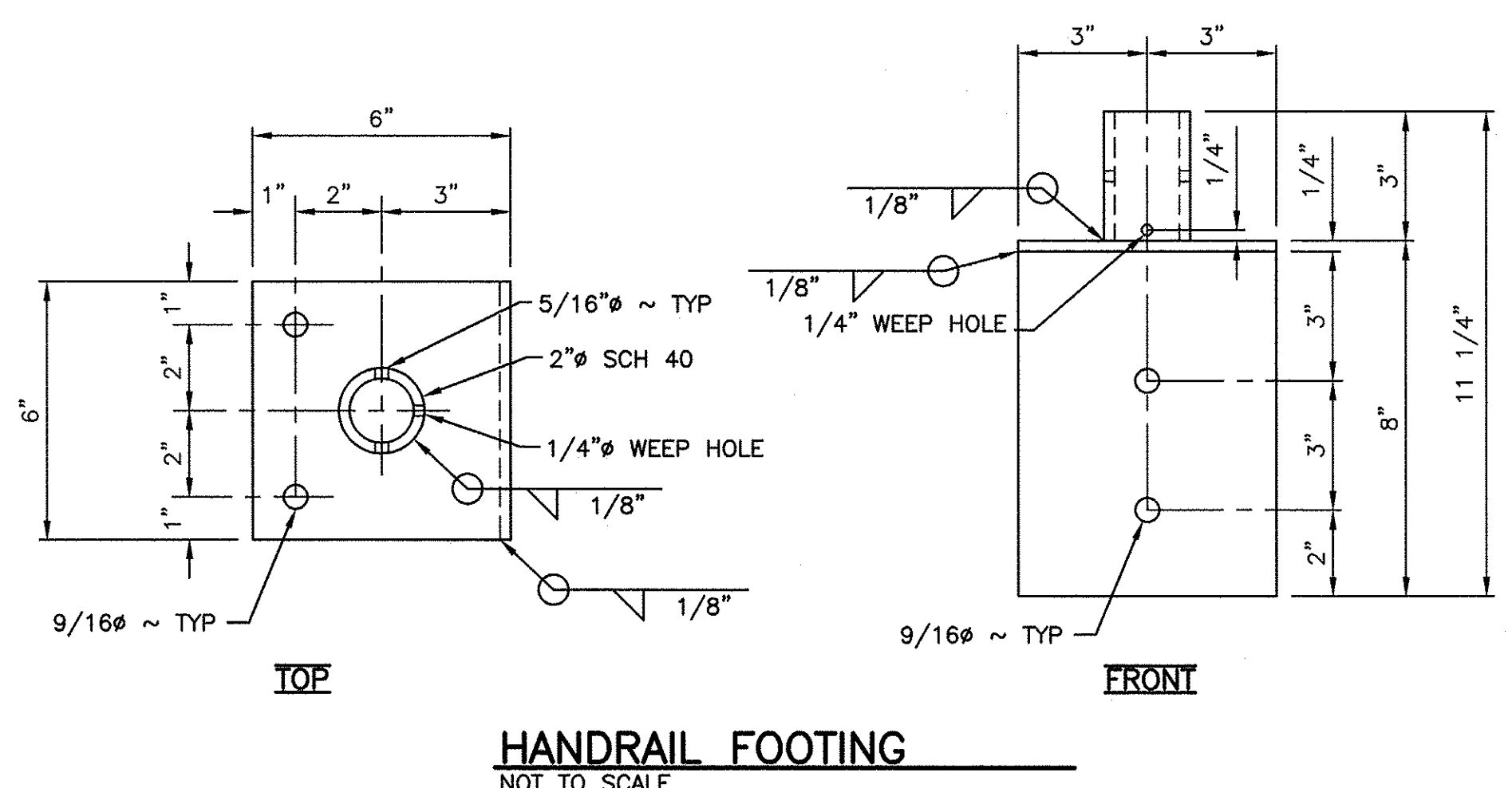
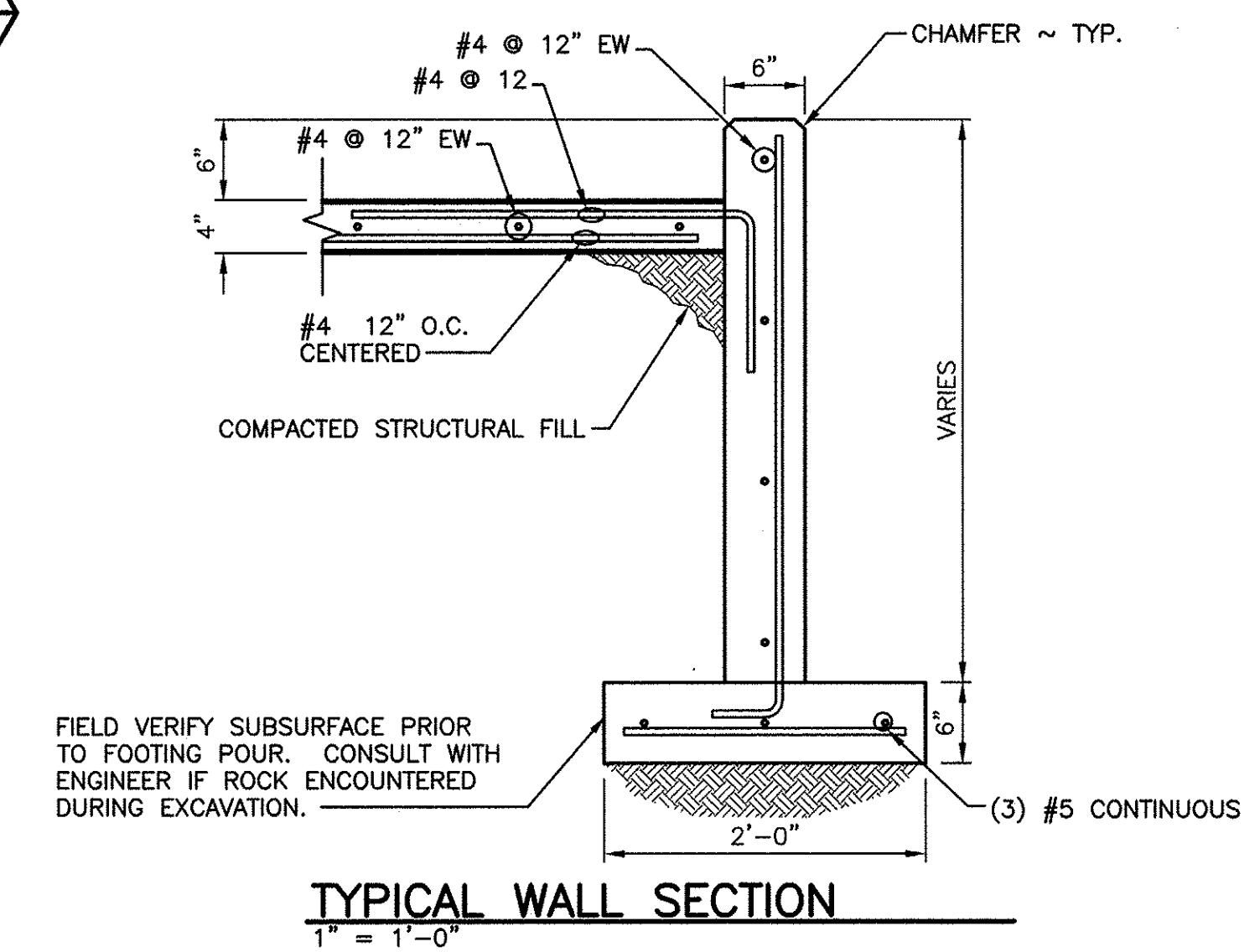
SYM	DATE	REVISION DESCRIPTION	BY
		APPROVED AND RELEASED FOR CONSTRUCTION	
CHIEF ENGINEER		DATE: 4/14/21	
PROGRAM		DATE: 05-03-2021	

LIND COULEE BRIDGE WEST ACCESS		PROJECT NO.	
REDEVELOPMENT		GT:A195:2019-1	
RAMP AND ACCESSIBLE RESTROOM AREA,		SHEET	OF
POINT TABLES		11	13



ACCESSIBLE LOADING PLATFORM
 SCALE: 3/8" = 1'-0"

NOTE: FIELD VERIFY ELEVATIONS PRIOR TO FORMING. PROVIDE 30" TO 24" FINISH ASPHALT



WASHINGTON DEPARTMENT OF
FISH & WILDLIFE



SYM	DATE	REVISION DESCRIPTION	BY
		APPROVED AND RELEASED FOR CONSTRUCTION	
CHIEF ENGINEER		DATE: 4/24/21	
PROGRAM		DATE: 05-03-2021	

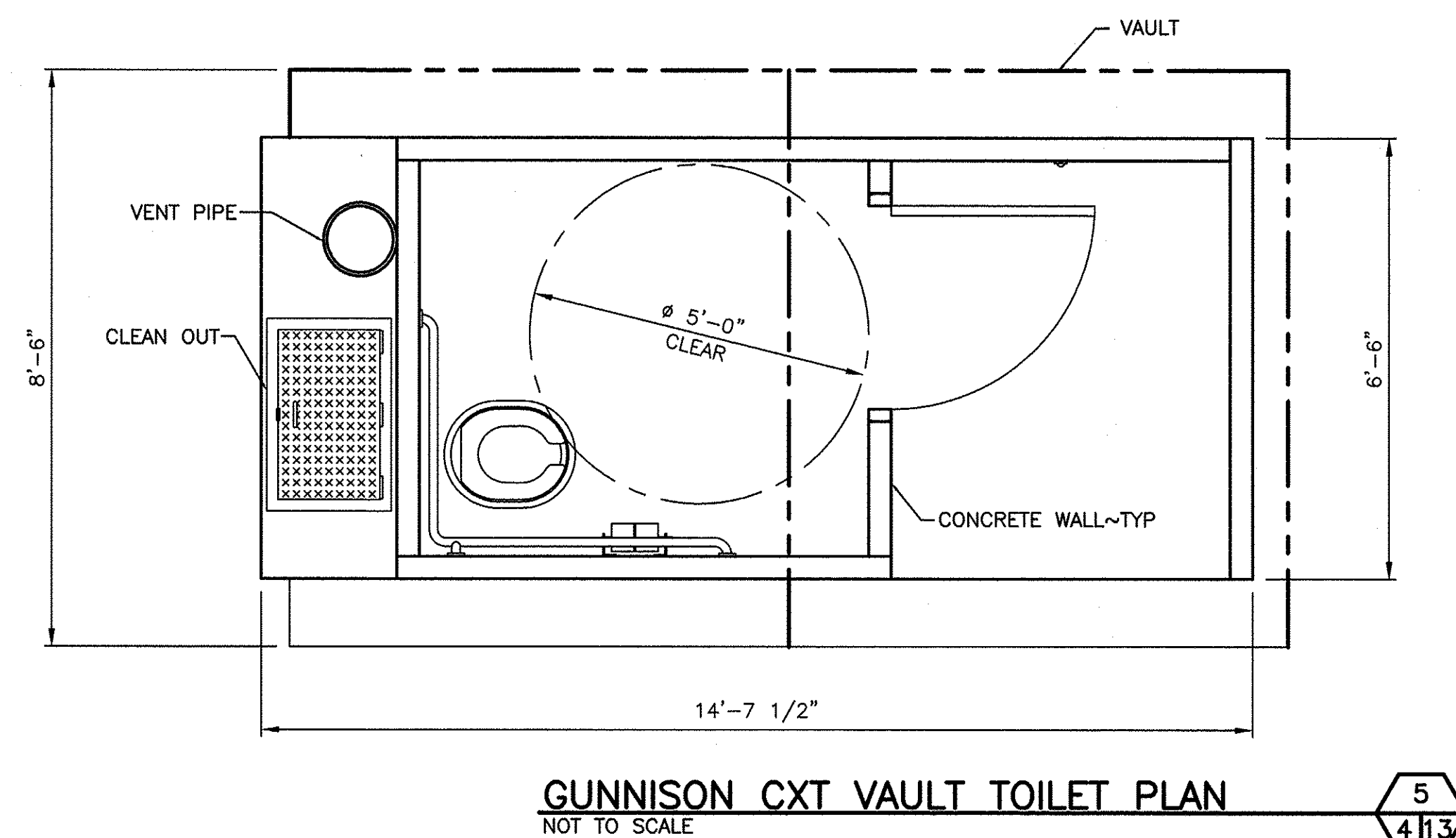
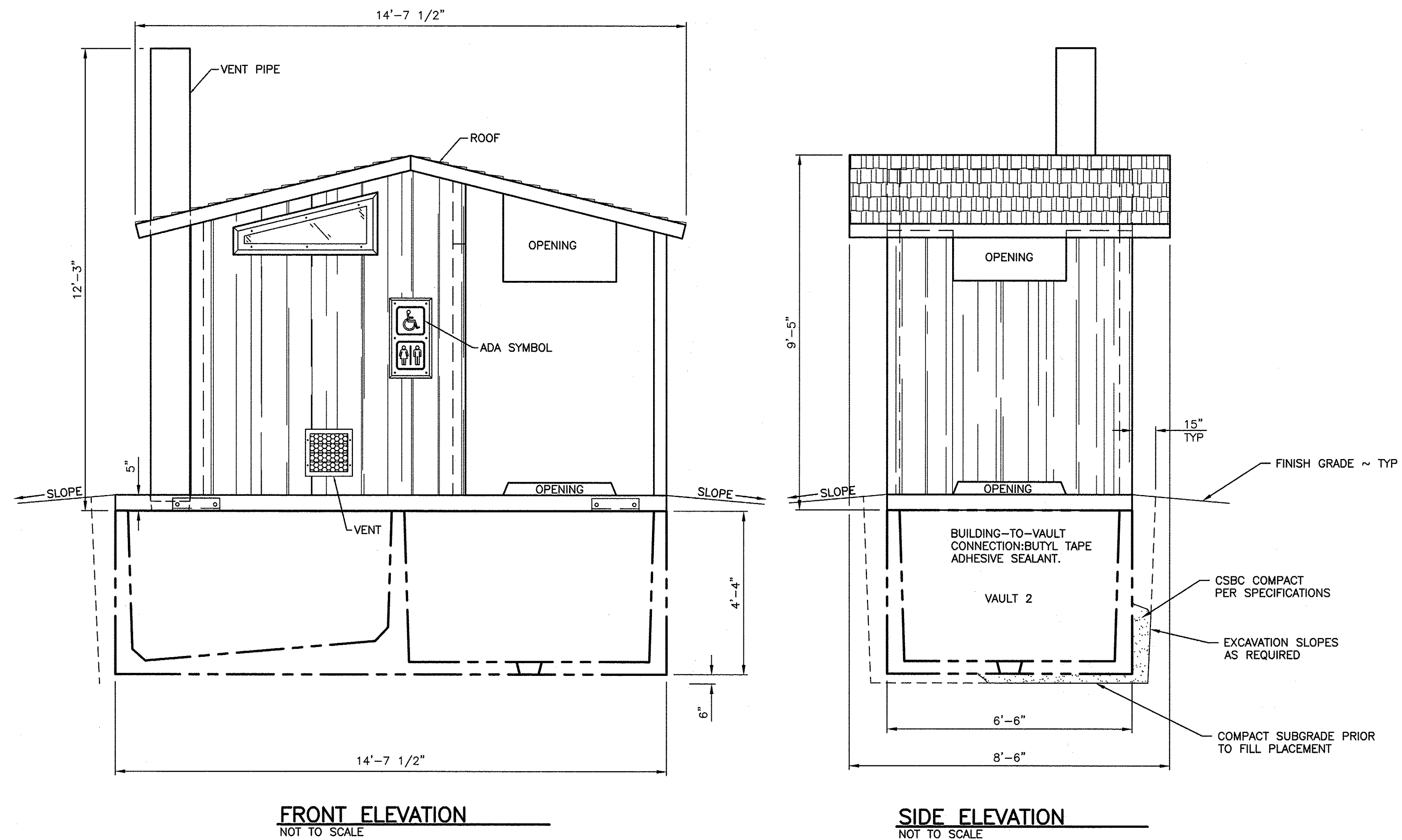
DESIGNED BY W. BERGFORD
 CHECKED BY D. SMITH
 DRAWN BY D. HENNING

LIND COULEE BRIDGE WEST ACCESS
 REDEVELOPMENT
 ACCESSIBLE LOADING PLATFORM PLAN, ELEVATIONS
 HANDRAIL FOOTING, AND WALL SECTION

PROJECT NO.
 GT:A195:2019-1

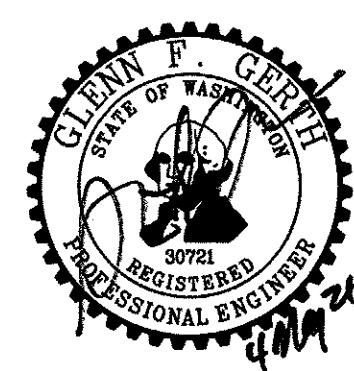
SHEET
 12

OF
 13



5
4/13

WASHINGTON DEPARTMENT OF
FISH & WILDLIFE



SYM	DATE	REVISION DESCRIPTION	BY
		APPROVED AND RELEASED FOR CONSTRUCTION	
CHIEF ENGINEER	<i>[Signature]</i>	DATE: <i>4/13/21</i>	
PROGRAM		DATE: 05-03-2021	

DESIGNED BY W. BERGFORD
CHECKED BY D. SMITH
DRAWN BY D. HENNING
DATE 05-03-2021

LIND COULEE BRIDGE WEST ACCESS
REDEVELOPMENT
GUNNISON CXT VAULT TOILET PLAN
AND ELEVATIONS

PROJECT NO.
GT:A195:2019-1

SHEET OF
13 13